# ADJUSTMENT INSTRUCTIONS

## * Safety precautions

1. It is safe to adjust after using insulating transformer between the power supply line and chassis input to prevent the risk of electric shock and protect the instrument.
2. Never disconnect leads while the TV receiver is on.
3. Don't short any portion of circuits while power is on.
4. The adjustment must be done by the correct appliances. But this is changeable in view of productivity.
5. Unless otherwise noted, set the line voltage to 220Vac+_ 20%, 50/60Hz.

## *Test Equipment required

1. Swee p Generator
2. Marker Generator(38.0MHz: Picture/32.5MHz: Sound)
3. Alignmen t Scope(5121A)
4. Patter n Generator(PAL/SECAM)
5. DC Power Supply
6. Color analyzer
7. Multimeter(Volt meter)

**Preparation for VCO Adjustment**

1. Connect the measuring equipment to the TV as shown in Fig. 1
2. Set RF output level of Sweep Generator to 90dBuV.

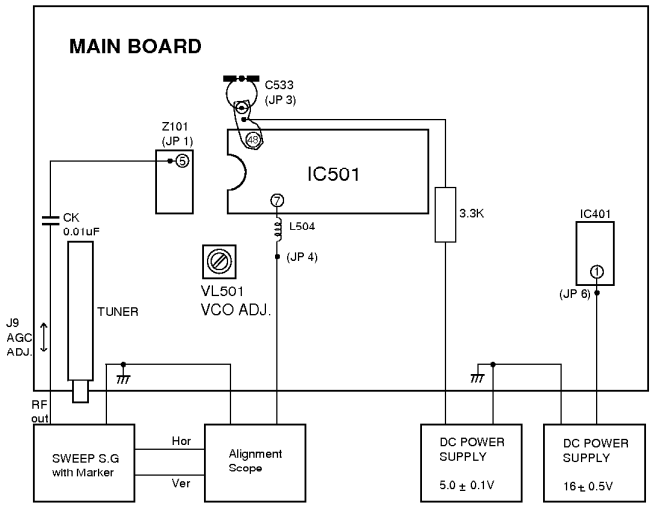



Fig. 1: Connection Diagram of Equipment for VCO Adjustment

## * VCO (Voltage Controlled Oscillator) Adjustment

| | |
|---|---|
| Test Point | **JP4(L504)** |
| Adjust | **VL501** |

1) Turn on DC power supplies.
2) Adjust VCO ADJ. coil(**L501**) so that the level of Picture Carrier (PC) may be at the lowest position as shown Fig. 2.

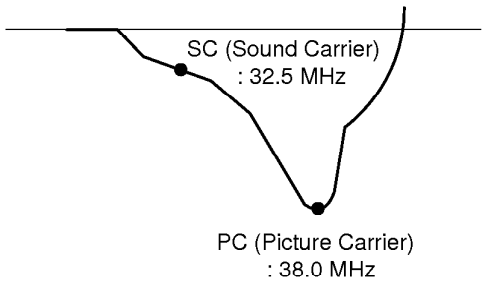



Fig. 2: Output waveform on Alignment Scope

**NOTE** When performing this adjustment, if there are 2 adjusted point in VL501, select the lower core position.

## * RF AGC (Auto Gain Control) Adjustment

| | |
|---|---|
| Test Point | **:J9(AGC ADJ.) or Observing Display** |
| Adjust | **:VR501** |

The RF AGC control **VR501** was aligned at the time of manufacture for optimum performance over a wide range conditions. Readjust **VR501** should not be necessary unless unusual local conditions exist, such as;

1) Channel interference in a CATV system
2) Picture bending and/or color beats, which are unusually due to excessive RF signal input when the reciever is too close to a transmitting tower or when the receiver is connected to an antenna distribution system where the RF signal has been amplified.
   In this case, the input signal should be attenuated(with pad or filter) to a satisfactory level.
3) Picture noise caused by "broadcast noise" or weak signal.
   If the broadcast is "clean" and the RF signal is at least 1mV (60dBu), the picture will be noise free in any area.

Adjusting the **VR501(RF AGC)** control to one end of rotation will usually cause a relatively poor signal to noise ratio;
Adjusting to the other end of rotation will usually cause a degradation of over load capabilities resulting on color beats or adjacent channel interference.
For the best results, adjust **VR501** contol while performing on all other local channels, or **Refer to the following Table 1.**

| Tuner P/N | Maker | Adjustment Voltage | REMARK |
|---|---|---|---|
| 113-118C/D/F | LG-ALPS | 5.7+_0.1Vdc | RF 60+_1dBuV |
| 113-238H | LG-ALPS | 6.0+_0.1Vdc | RF 60+_1dBuV |
| 6700VMV001A | SANYO | 4.9+_0.1Vdc | RF 60+_1dBuV |

<Table 1>

## * Vertical Height, Center Adjustment

Test Poin t : **Observing display**

Adjust : **VR301 (Vertical Height)**
**VR302 (Vertical Center)**

1) Tune the TV set to receive a digital test pattern.
2) Set standard picture mode(contrast: 80, bright :60, color: 50).
3) Adjust the Vertical height control (**VR301**) so that the circle of a digital test pattern may be located within the effective screen of the CPT.
4) Adjust the Vertical center control (**VR302**) for obtaining geometric center of valuable display vertically.

## * Focus A djustment

**NOTE:** This adjustment should be performed after warming up for 10 minutes.

Test Poin t : **Observing display**

Adjust : **Focus control of FBT**

1) Tune the TV set to receive a digital test pattern.
2) Adjust the Focus control for the best overall focus.

## * Horizontal Center Adjustment

Test Poin t : **Observing display**

Adjust : **VR502**

1) Tune the TV set to receive a PAL digital pattern.
2) Adjust the Horizontal center control(**VR502**) for obtaining geometric center of valubale display horizontally.

## * Scr een & White Balance (color temperature) Adjustment

**NOTE:** 1. This adjustment should be performed after warming up for 20 minutes.
2. The color bias controls (VR901, VR902, VR903) affect the low light (dark) area of the picture while the color drive controls (VR904, VR905) affect the high light (white) areas.

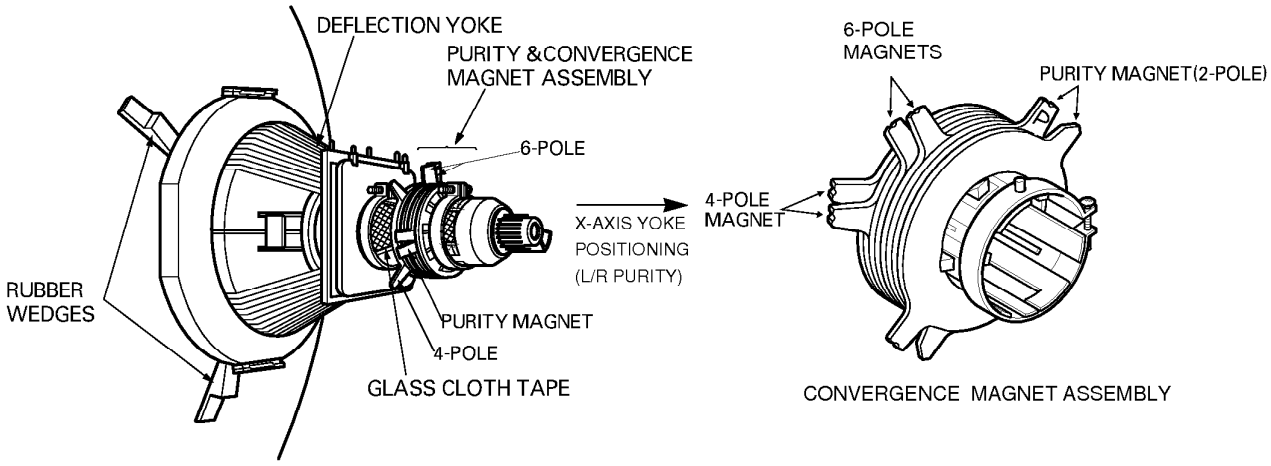
1) Set all the controls (VR901-VR905) on CPT Board to geometric center position.
2) Set the standard mode (contrast : 80, bright : 60, color : 50).
3) Set the AV mode, adjust and set the screen volume of FBT at just cut-off position(No AV input signal).
4) Set the TV mode, tune the TV set to receive white pattern.
5) By using color analyzer (white balance checker), adjust X position equals to 281+_8 and Y position equals to 288 +_8, it means that color temperature is 10,000+_800 at low light (4.5ftL) and high light (over 45ftL).

# PURITY & CONVERGENCE ADJUSTMENT

**Caution:**
Convergence and Purity have been factory aligned. Do not attempt to tamper with these alignments.
However, the effects of adjacent receiver components, or replacement of picture tube or deflection yoke may require the need to readjust purity any convergence.

5. Reconnect the internal degaussing coil.

6. Position the beam bender locking rings at the 9 o'clock position and the other three pairs of tabs (2,4 and 6 pole magnets) at the 12 o'clock position.




## * Purity Adjustment

This procedure DOES NOT apply to bonded yoke and picture tube assemblies.
The instrument should be at room temperature (60 degrees F or above) for six (6) hours and be operating at low beam current (dark background) for approximately 20 to 30 minutes before performing purity adjustments.

**CAUTION:** Do not remove any trim magnets that may be attached to the bell of the picture tube.

1. Remove the AC power and disconnect the internal degaussing coil.

2. Remove the yoke from the neck of the picture tube.

3. If the yoke has the tape version beam bender, remove it and replace it with a adjustable type beam bender (follow the instructions provided with the new beam bender)

4. Replace the yoke on the picture tube neck, temporarily remove the three (3) rubber wedges from the bell of the picture tube and then slide the yoke completely forward.

7. Perform the following steps, in the order given, to prepare the receiver for the purity adjustment procedure.

   a. Face the receiver in the "magnetic north" direction.

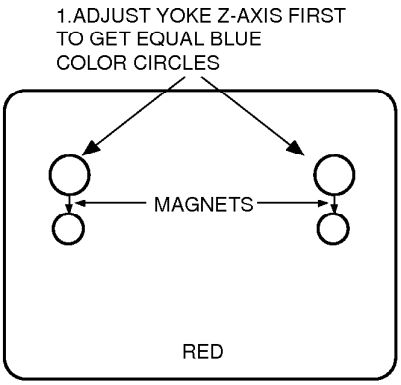
   b. Externally degauss the receiver screen with the television power turned off.

   c. Turn the television on for approximately 10 seconds to perform internal degaussing and then turn the TV off.

   d. Unplug the internal degaussing coil. This allows the thermistor to cool down while you are performing the purity adjustment. DO NOT MOVE THE RECEIVER FROM ITS "MAGNETIC NORTH" POSITION.

   e. Turn the receiver on and obtain a red raster by increasing the red bias control (CW) and decreasing the bias controls for the remaining two colors (CCW).

   f. Attach two round magnets on the picture tube screen at 3 o'clock and 9 o'clock positions, approximately one (1) inch from the edge of the mask (use double-sided tape).




8. Referring to above, perform the following two steps:
   a. Adjust the yoke Z-axis to obtain equal blue circles.
   b. Adjust the appropriate beam bender tabs to obtain correct purity (four equal circles).

9. After correct purity is set, tighten the yoke clamp screw and remove the two screen magnets.

10. Remove the AC power and rotate the receiver 180 degrees (facing "magnetic south").

11. Reconnect the internal degaussing coil.

12. Turn the receiver on for 10 seconds (make sure the receiver came on) to perform internal degaussing, and then turn the receiver off.

13. Unplug the internal degaussing coil.

14. Turn on the receiver and check the purity by holding one (1) round magnet at the 3 o'clock and a second round magnet at 9 o'clock position. If purity is not satisfactory, repeat steps 8 through 14.

15. Turn off the receiver and reconnect the internal degaussing coil.

## * Convergence Adjustment

**Caution:** This procedure DOES NOT apply to bonded yoke and picture tube assemblies.
Do not use screen magnets during this adjustment procedure. Use of screen magnets will cause an incorrect display.

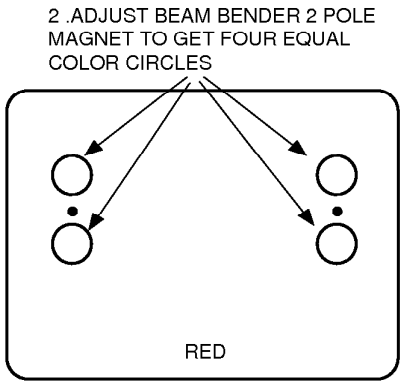
1. Remove AC power and disconnect the internal degaussing coil.

2. Apply AC Power and set the brightness to the Picture Reset condition. Set the Color control to minimum.

3. Apply 8V to the pin.

4. Adjust the Red, Green and Blue Bias controls to get a dim white line.

5. Remove the AC power and 8V from the pin.




6. Reconnect the internal degaussing coil and apply AC power.

7. Turn the receiver on for 10 seconds to perform internal degaussing and then turn the receiver off again.

8. Unplug the internal degaussing-coil.

9. Turn on the receiver, connect a signal generator to the VHF antenna terminal and apply a crosshatch signal.

**Caution:** During the convergence adjustment procedure, be very careful not to disturb the purity adjustment tabs are accidentally move, purity should be confirmed before proceeding with the convergence adjustments.

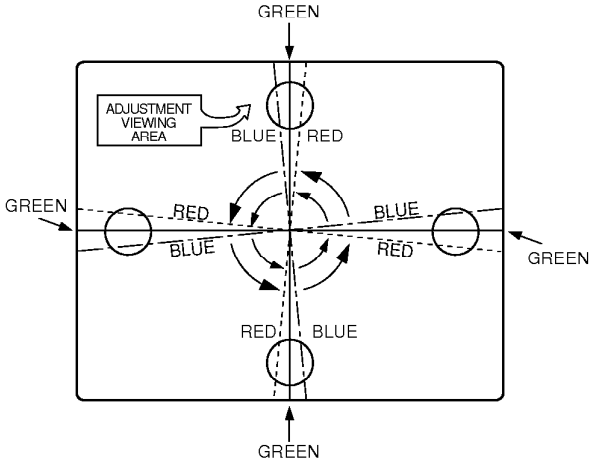
**Note:** Make sure the focus is set correctly on this instrument before proceeding with the following adjustment.

10. Converge the red and blue vertical lines to the green vertical line at the center of the screen by performing the following steps (below TABLE).
    a. Carefully rotate both tabs of the 4-pole ring magnet simultaneously in opposite directions from the 12 o'clock position to converge the red and blue vertical lines.
    b. Carefully rotate both tabs of the 6-pole ring magnet simultaneously in opposite directions form the 12 o'clock position to converge the red and blue (now purple) vertical lines with the green vertical line.

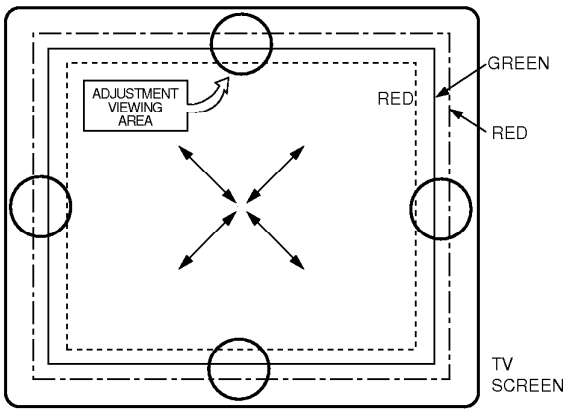
11. Converge the red and blue horizontal with the green line at the center of the screen by performing the following steps. (below TABLE)
    a. Carefully rotate both tabs of the 4-pole ring magnet simultaneously in the same direction (keep the spacing between the two tabs the same) to converge the red and blue horizontal lines.
    b. Carefully rotate both tabs of the 6-pole ring magnet simultaneously in same direction (keep the spacing between the two tabs the same) to converge the red and blue (now purple) horizontal lines with the green horizontal line.
    c. Secure the tabs previsouly adjusted by locking them in place with the locking tabs on the beam bender.

| RING PAIRS | ROTATION DIRECTION OF BOTH TABS | MOVEMENT OF RED AND BLUE BEAMS |
|---|---|---|
| 4 POLE | OPPOSITE | B R OR B R |
| | SAME | B R OR B R |
| 6 POLE | OPPOSITE | B R OR B R |
| | SAME | B R OR B R |

UP/DOWN ROCKING OF THE YOKE CAUSES OPPOSITE ROTATION OF RED AND BLUE RASTERS

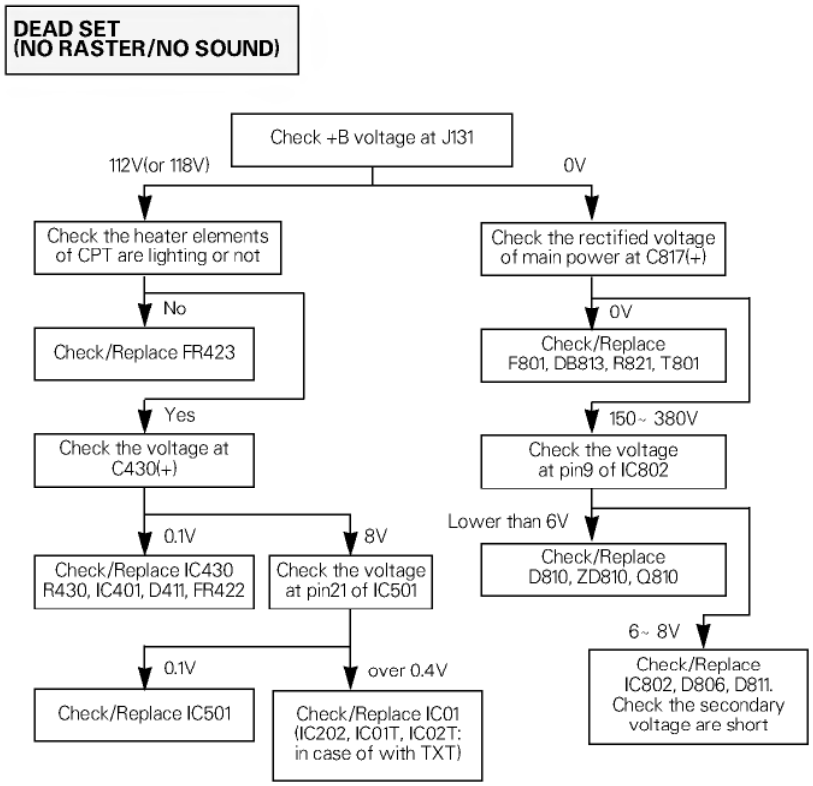


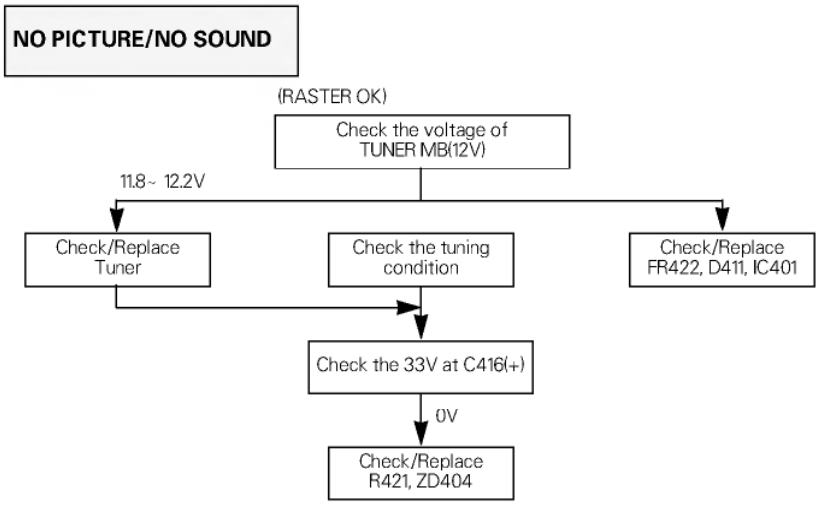

LEFT/RIGHT ROCKING OF THE YOKE CAUSES OPPOSITE SIZE CHANGE OF THE RED AND BLUE RASTERS



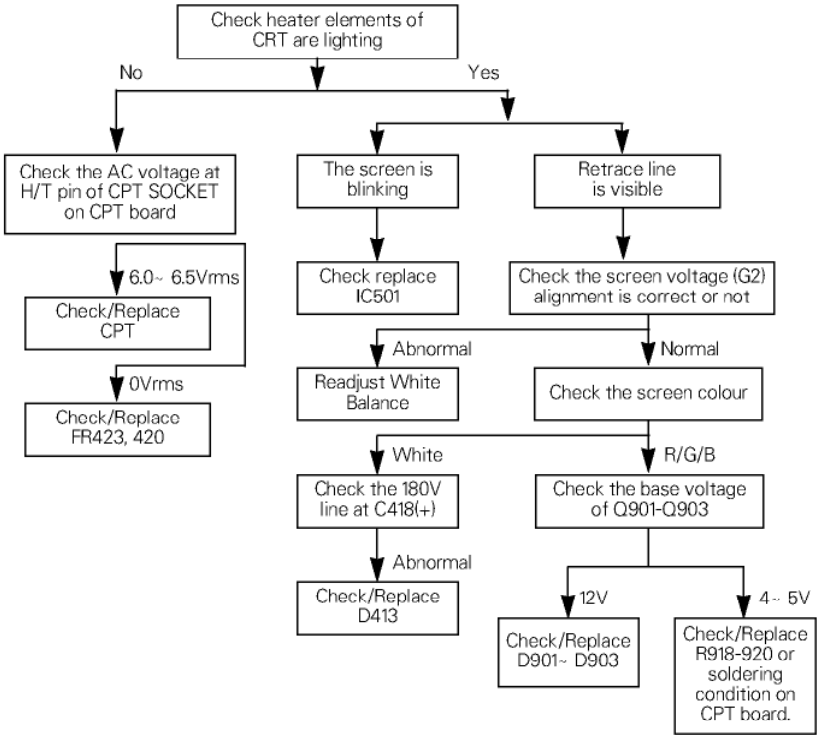

12. While watching the 6 o'clock positions on the screen, rock the front of the yoke in a vertical (up/down) direction to converge the red and blue vertical lines. (Fig upper left)
13. Temporarily place a rubber wedge at the 12 o'clock position to hold the vertical position or the yoke.
14. Check the 3 o'clock and 9 o'clock areas to confirm that the red and blue horizontal lines are converged.
    If the lines are not converged, slightly offset the vertical tilt of the yoke (move the rubber wedge if necessary) to equally balance the convergence error of the horizontal lines at 3 o'clock and 9 o'clock and the vertical lines at 6 o'clock and 12 o'clock.
15. Place a 1.5 inch piece of glass tape over the rubber foot at the rear of the 12 o'clock wedge.
16. While watching the 6 o'clock and 12 o'clock areas of the screen, rock the front of the yoke in the horizontal (left to right) motion to converge the red and blue horizontal lines. (Fig. upper right)
17. Temporarily place a rubber wedge at the 5 o'clock and 7 o'clock positions to hold the horizontal position of the yoke.
18. Check the 3 o'clock and 9 o'clock areas to confirm that the red and blue vertical lines are converged. If the lines are not converged, slightly offset the horizontal tilt of the yoke (move the temporary rubber wedges if necessary) to equally balance the convergence error of the horizontal lines at 6 o'clock and 12 o'clock and the vertical lines at 3 o'clock and 9 o'clock.
19. Using a round magnet confirm purity at the center, right and left sides and corners. See Purity Adjustment Procedure.
20. Reconfirm convergence and apply a 1.5 inch piece of glass tape over the rubber foot at the rear of the 5 o'clock and the 7 o'clock wedges.

# Troubleshooting Guide

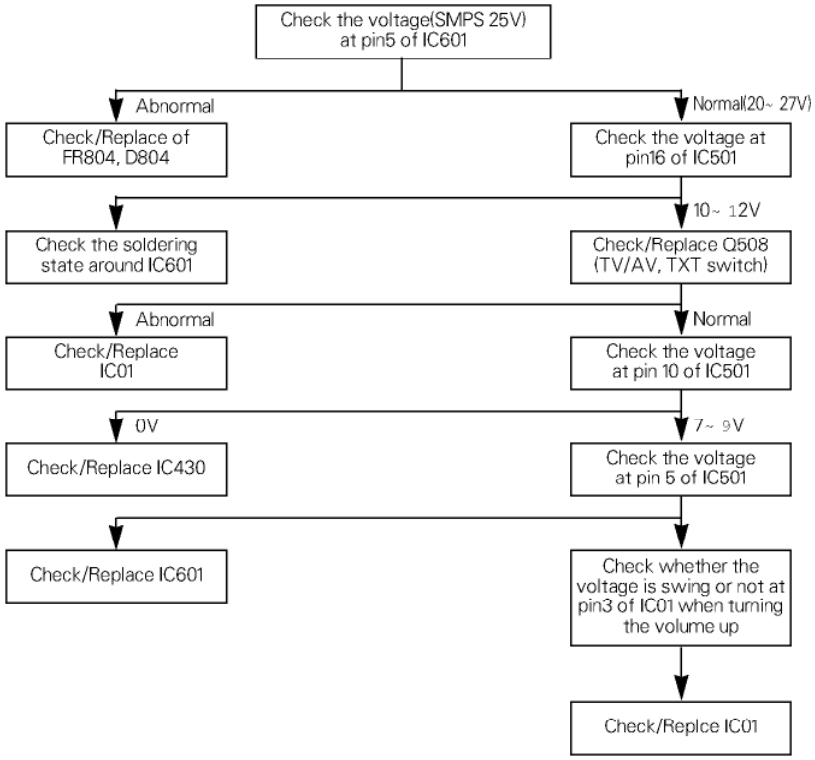



NO PICTURE/NO SOUND
(RASTER OK)
Check the voltage of TUNER MB(12V)
11.8~ 12.2V
Check/Replace Tuner
Check the tuning condition
Check/Replace FR422, D411, IC401
Check the 33V at C416(+)
0V
Check/Replace R421, ZD404

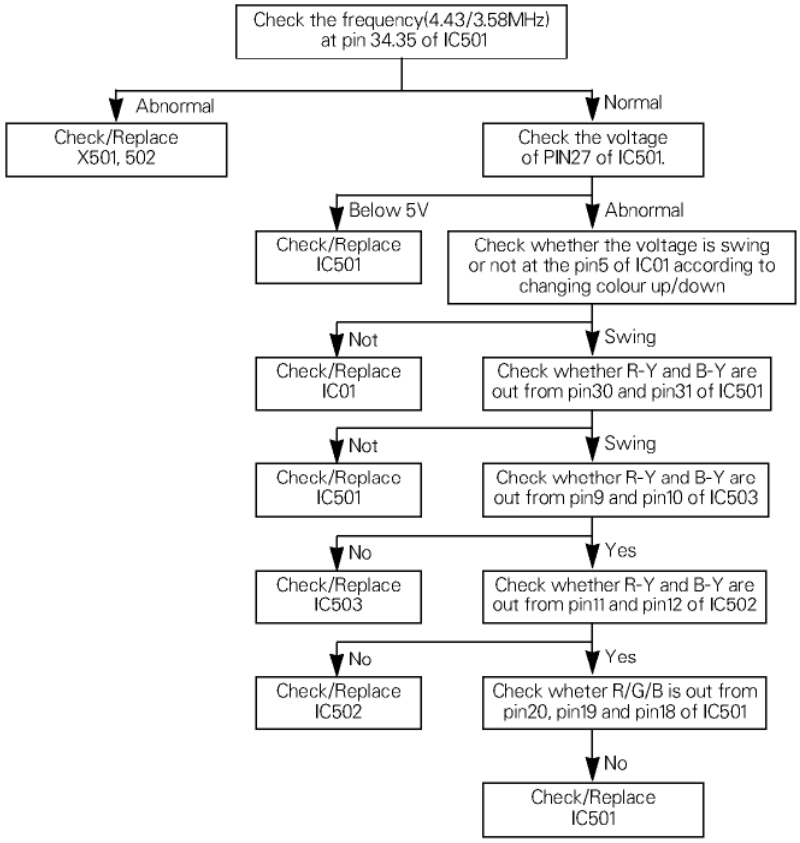
**NO RASTER(SOUND OK)**



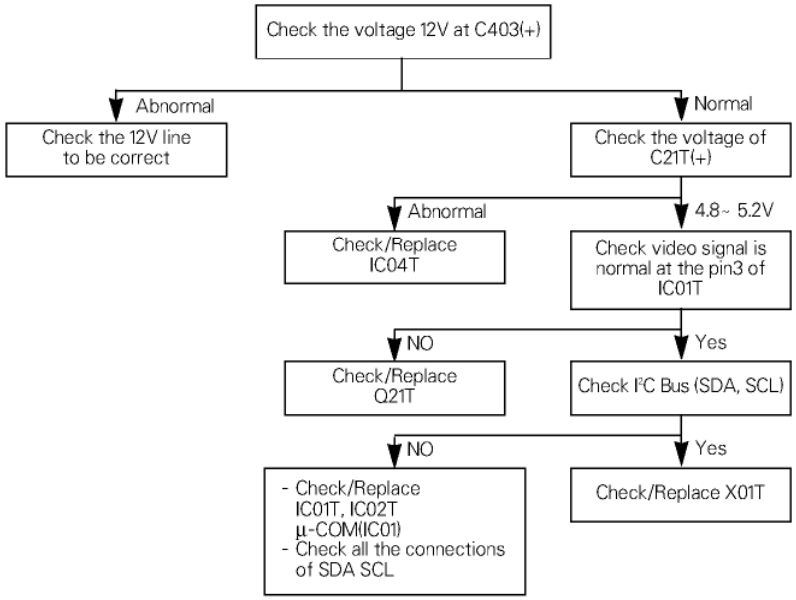
**NO SOUND(PICTURE OK)**


Check the voltage(SMPS 25V) at pin5 of IC601
Abnormal
Normal(20~ 27V)
Check/Replace of FR804, D804
Check the voltage at pin16 of IC501
10~ 12V
Check the soldering state around IC601
Check/Replace Q508 (TV/AV, TXT switch)
Abnormal
Normal
Check/Replace IC01
Check the voltage at pin 10 of IC501
0V
7~ 9V
Check/Replace IC430
Check the voltage at pin 5 of IC501
Check/Replace IC601
Check whether the voltage is swing or not at pin3 of IC01 when turning the volume up
Check/Replce IC01

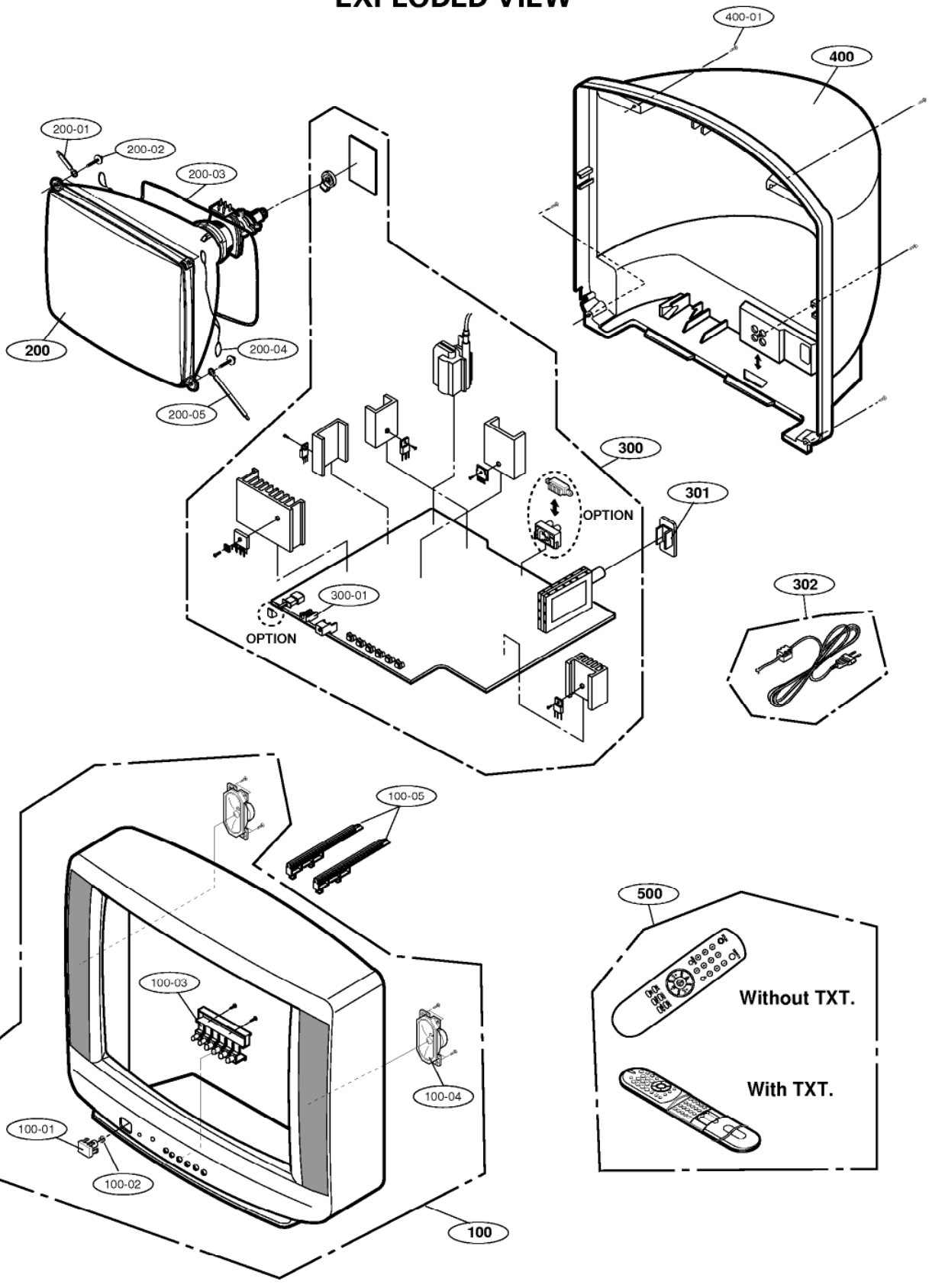
**NO COLOR**


Check the frequency(4.43/3.58MHz) at pin 34.35 of IC501
Abnormal
Check/Replace X501, 502
Normal
Check the voltage of PIN27 of IC501.
Below 5V
Check/Replace IC501
Abnormal
Check whether the voltage is swing or not at the pin5 of IC01 according to changing colour up/down
Not
Check/Replace IC01
Swing
Check whether R-Y and B-Y are out from pin30 and pin31 of IC501
Not
Check/Replace IC501
Swing
Check whether R-Y and B-Y are out from pin9 and pin10 of IC503
No
Check/Replace IC503
Yes
Check whether R-Y and B-Y are out from pin11 and pin12 of IC502
No
Check/Replace IC502
Yes
Check wheter R/G/B is out from pin20, pin19 and pin18 of IC501
No
Check/Replace IC501

**NO TELETEXT**


Check the voltage 12V at C403(+)
Abnormal
Check the 12V line to be correct
Normal
Check the voltage of C21T(+)
Abnormal
Check/Replace IC04T
4.8~ 5.2V
Check video signal is normal at the pin3 of IC01T
NO
Check/Replace Q21T
Yes
Check I²C Bus (SDA, SCL)
NO
- Check/Replace IC01T, IC02T µ-COM(IC01)
- Check all the connections of SDA SCL
Yes
Check/Replace X01T

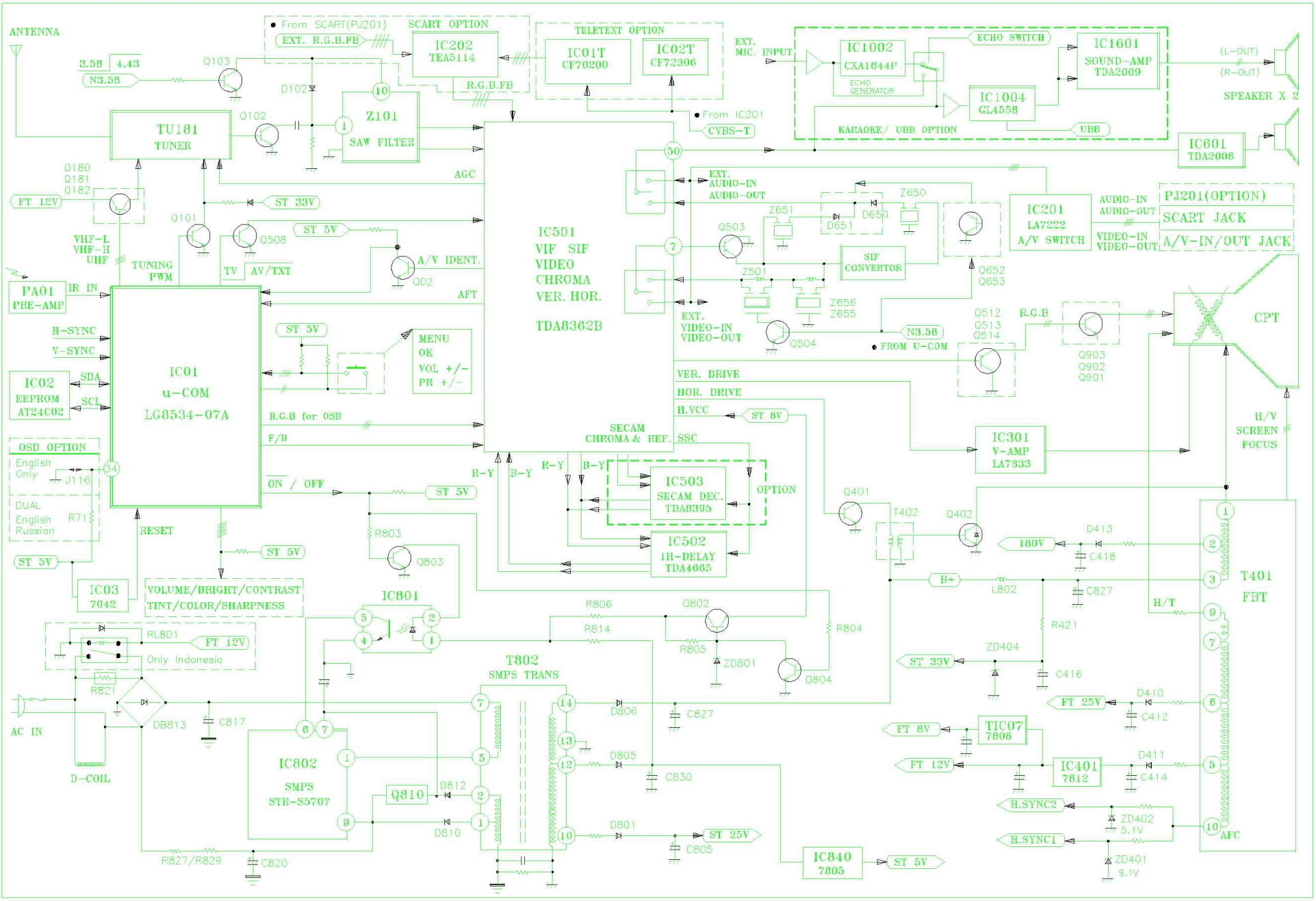
# EXPLODED VIEW



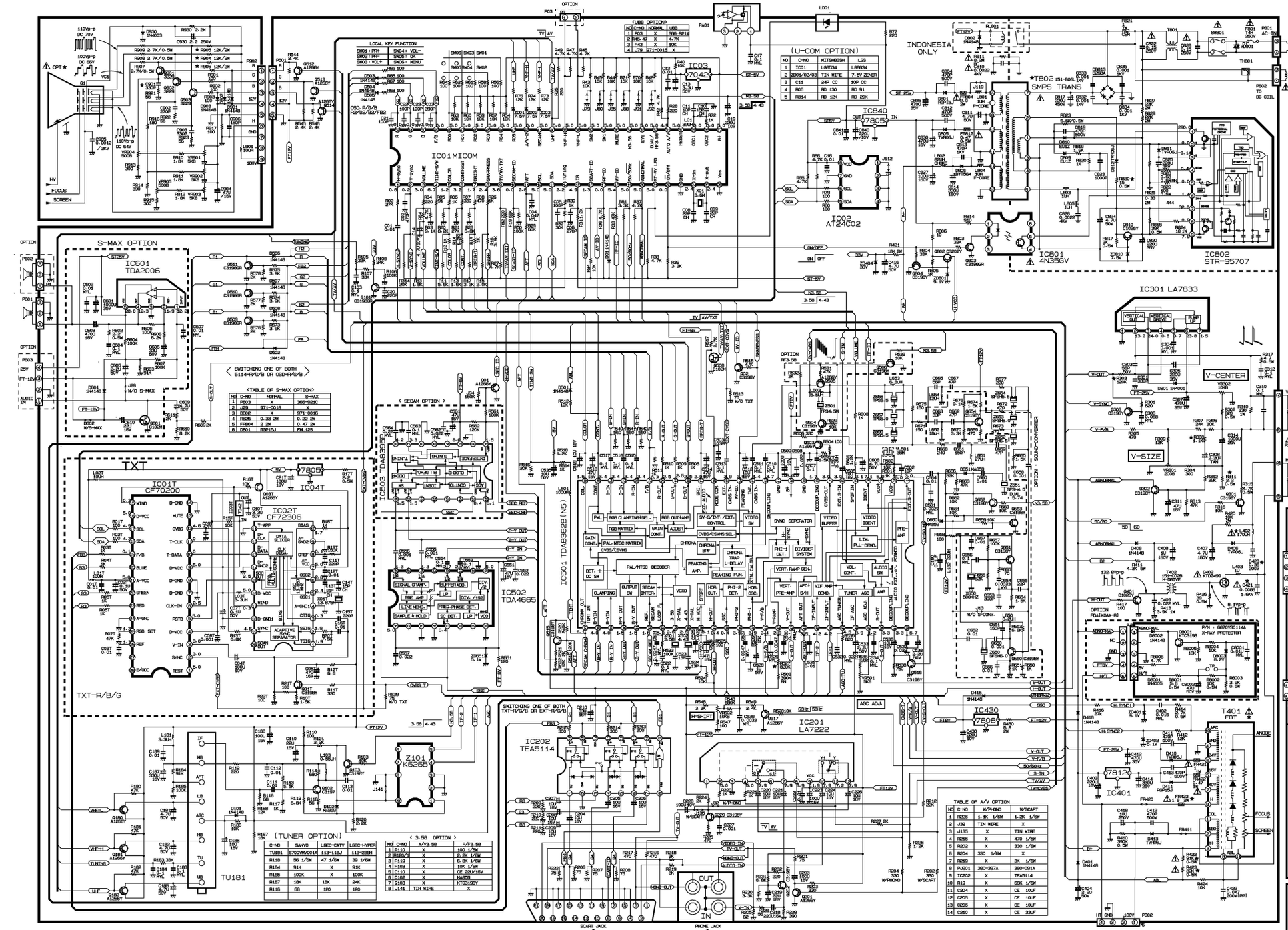
# EXPLODED VIEW PARTS LIST

The components identified by shading and mark ⚠ are critical for safety.
Replace only with part number specified.

| LOCA. NO | PART NO | DESCRIPTIONS |
|---|---|---|
| 100 | 3106V00034C | CABINET UNIT 14" |
| | 3106V00032A | CABINET UNIT CF-20G20R, LG GOLD |
| | 3106V00032B | CABINET UNIT CF-20G20 DPLRR |
| | 3106V00032D | CABINET UNIT CF-20G20 FPGRY1 |
| | 3106V00032H | CABINET UNIT CF-20G20R,G/S GOLD |
| | 3106V00033A | CABINET UNIT CF-21G20 |
| | 3106V00033C | CABINET UNIT 21" |
| 100-01 | 5020V00082A | BUTTON, POWER 14" |
| | 5020V00076A | BUTTON, POWER 20"&21" |
| 100-02 | 320-070G | SPRING, COIL 14" |
| | 320-062E | SPRING, KNOB 20"&21" |
| 100-03 | 5020V00081A | BUTTON, CONTROL 14" |
| | 5020V00075A | BUTTON, CONTROL 20"&21" |
| 100-04 | 120-480B | SPEAKER C112PX-824K14 14" |
| | 120-487A | SPEAKER C112P01-496K14 20"&21" |
| 100-05 | 343-B52A | SUPPORTER, PCB 20"&21" |
| ⚠ 200 | 2055-V0952E | CPT A34KPU02XX A0L7ND(+0.5G) 14" |
| | 2055-V0952F | CPT A34KPU02XX A0M7ND(+0.3G) 14" |
| | 2055-V0952K | CPT A34KPU02XX A0R7ND(-0.1G) 14" |
| | 2055-V1221A | CPT A48QAD220X 03L7ND(+0.5G) 20" |
| | 2055-V1221B | CPT A48QAD220X 03N7ND(+0.4G) 20" |
| | 2055-V1221C | CPT A48QAD220X 03M7ND(+0.3G)20" |
| | 2055-V1221D | CPT A48QAD220X 03K7ND(+0.2G) 20" |
| | 2055-V1221E | CPT A48QAD220X 03P7ND(+0.1G) 20" |
| | 2055-V1221G | CPT A48QAD220X 03R7ND(-0.1G) 20" |
| | 2055-V0672Q | CPT A51KPD12XX 14M7KR(+0.3G) 21" |
| | 2055-V0672P | CPT A51KPD12XX 14K7KR(+0.22G)21", NAGHI |
| | 2055-V0672L | CPT A51KPD12XX 14N7KR(+0.4G) 21" |
| | 2055-V0674C | CPT A51KPD12XX 14L7KR(+0.5G) 21" |
| | 2055-V0672V | CPT A51KPD12XX 14R7KR(-0.1G) 21" |
| 200-01 | 341-721A | HOLDER, D-COIL (FOR AUTO.L=65) |
| 200-02 | 332-057A | SCREW ASSY,HEXAGON HEAD 14" |
| | 332-057B | SCREW ASSY,HEXAGON HEAD 20"&21" |
| ⚠ 200-03 | 150-D02B | COIL, DEGAUSSING,CU 14" 42T 5.7OHM |
| | 150-D02M | COIL, DEGAUSSING,CU 20" 60T 15OHM |
| | 150-D02N | COIL, DEGAUSSING,CU 21" 60T 12OHM |
| ⚠ 200-04 | 170-851A | LEAD SET ASSY,CPT EARTH(L=460) 14" |
| | 170-851B | LEAD SET ASSY,CPT EARTH(L=640) 20"&21" |
| 200-05 | 341-721B | HOLDER, D-COIL (FOR AUTO.L=130) |
| 300 | 6871VMM050J | PWB ASSY, MAIN (64A)4FNSNPBRRS,M-IN,CIS 14" |
| | 6871VMM120E | PWB ASSY, MAIN (64A)4FRSNPBRES,SINGER 14" |
| | 6871VMM030F | PWB ASSY, MAIN (64A)4FRSNPBRAS 14" |
| | 6871VMM082A | PWB ASSY, MAIN (64A)4FNSNPBRMN,GHANA 14" |
| | 6871VMM050F | PWB ASSY, MAIN (64A)9FNSNPBRRS,M-IN,CIS 20" |
| | 6871VMM009X | PWB ASSY, MAIN (64A)9FNCNPBRAS 20" |
| | 6871VMM009L | PWB ASSY, MAIN (64A)9FRSNPBRAS,QATAR 20" |
| | 6871VMM082F | PWB ASSY, MAIN (64A)9FNSNSBRMN,M-IN,SENEGAL |
| | 6871VMM120A | PWB ASSY, MAIN (64A)9FRSNPBRES, SINGER |
| | 6871VMM047G | PWB ASSY, MAIN (64A)9FNSNPBRAN, CKD |
| | 6871VMM030X | PWB ASSY, MAIN (64A)9FNSNPBRAS |
| | 6871VMM050G | PWB ASSY, MAIN (64A)1FNSNPBRRS,M-IN,CIS 21" *W/O.TXT |
| | 6871VMM009H | PWB ASSY, MAIN (64A)1FRSNPBRES 21" |
| | 6871VMM009Z | PWB ASSY, MAIN (64A)1FNCNPBRAS 21" |
| | 6871VMM009N | PWB ASSY, MAIN (64A)1FNSCPBRRS,M-IN,CIS 21" *W.TXT |
| | 6871VMM120B | PWB ASSY, MAIN (64A)1FRSNPBRES, SINGER |
| 300-01 | 341-783A | HOLDER, LED |
| 301 | 303-F62A | COVER, TUNER |
| ⚠ 302 | 174-315G | CORD, POWER,VDE L=160(LINETEK) 14" |
| | 174-315H | CORD, POWER,VDE L=200(LINETEK) 20"&21" |
| 400 | 3809V00045A | BACK COVER ASSY CF-14G20 |
| | 3809V00044A | BACK COVER ASSY CF-20/21G20(PHONO JACK) |
| | 3809V00044C | BACK COVER ASSY CF-20/21G20(SCART) |
| | 3809V00044G | BACK COVER ASSY KCF21G20X(SCART) |
| 400-01 | 1PPF0403116 | SCREW,PAN HEAD D4 L16 |
| 500 | 105-230M | REMOTE CONTROLLER MC-64A,W/O TXT,LG |
| | 105-230D | REMOTE CONTROLLER MC-64A,W/O TXT,GS |
| | 6710V00004M | REMOTE CONTROLLER MC-64A,W.TXT,LG |


ANTENNA
From SCART(PJ201)
EXT. R.G.B.FB
SCART OPTION
IC202
TEA5114
R.G.B.FB
TELETEXT OPTION
IC01T
CF70200
IC02T
CF72306
From IC201
CVBS-T
EXT.
MIC. INPUT
IC1002
CXA1644P
ECHO GENERATOR
ECHO SWITCH
IC1004
GL4558
KARAOKE/ UHB OPTION
UHB
IC1601
SOUND-AMP
TDA2009
(L-OUT)
(R-OUT)
SPEAKER X 2
IC601
TDA2006
3.58
4.43
N3.58
Q103
D102
Q102
TU181
TUNER
Z101
SAW FILTER
AGC
Q180
Q181
Q182
FT 12V
ST 33V
Q101
Q508
ST 5V
VHF-L
VHF-H
UHF
TUNING
PWM
TV
AV/TXT
A/V IDENT.
Q02
AFT
IC501
VIF SIF
VIDEO
CHROMA
VER. HOR.
TDA8362B
EXT.
AUDIO-IN
AUDIO-OUT
Z650
Z651
D651
D650
Q503
SIF
CONVERTOR
Z501
Z656
Z655
Q652
Q653
EXT.
VIDEO-IN
VIDEO-OUT
Q504
N3.58
FROM U-COM
IC201
LA7222
A/V SWITCH
AUDIO-IN
AUDIO-OUT
VIDEO-IN
VIDEO-OUT
PJ201(OPTION)
SCART JACK
A/V-IN/OUT JACK
PA01
PRE-AMP
IR IN
H-SYNC
V-SYNC
IC02
EEPROM
AT24C02
SDA
SCL
IC01
u-COM
LG8534-07A
ST 5V
MENU
OK
VOL +/-
PR +/-
R.G.B for OSD
F/B
ON / OFF
RESET
OSD OPTION
English
Only
J116
DUAL
English
Russian
R71
ST 5V
IC03
7042
VOLUME/BRIGHT/CONTRAST
TINT/COLOR/SHARPNESS
VER. DRIVE
HOR. DRIVE
H.VCC
ST 8V
SECAM
CHROMA & REF.
SSC
R-Y
B-Y
IC503
SECAM DEC.
TDA8395
OPTION
IC502
1H-DELAY
TDA4665
Q401
T402
Q402
180V
D413
C418
B+
L802
C827
R421
ZD404
ST 33V
C416
FT 25V
D410
C412
FT 8V
TIC07
7808
FT 12V
IC401
7812
D411
C414
H.SYNC2
ZD402
5.1V
H.SYNC1
ZD401
9.1V
AFC
IC301
V-AMP
LA7333
R.G.B
Q512
Q513
Q514
Q903
Q902
Q901
CPT
H/V
SCREEN
FOCUS
T401
FBT
H/T
IC801
R806
R814
Q802
R805
ZD801
R804
Q804
T802
SMPS TRANS
D806
C827
D805
C830
D801
ST 25V
C805
IC840
7805
ST 5V
RL801
FT 12V
Only Indonesia
R821
DB813
C817
AC IN
D-COIL
IC802
SMPS
STR-S5707
Q810
D812
D810
R827/R829
C820
Q803
R803

# SCHEMATIC DIAGRAM OF MC-64A




## NOTICE

Since this is a basic schematic diagram,
the value of components and some partial connection are subject to be changed for improvement without notice.

The components marked ⚠ conform VDE or IEC guidelines and essential for safe operation of the TV receiver. while those marked ⚠ are required for correct operation. Use specified parts only when replacing.

## VALUE OF RESISTER, CAPACITOR AND INDUCTOR

1. Resistance is shown in ohm. K=1,000 M=1,000,000.
2. Unless otherwise noted in schematic, all capacitor values less than 1 are expressed in mfd and the values more than 1 in pF
3. Unless otherwise noted in schematic, all inductor values less than 1 are expressed in uH, and the values less than 1 in H.

## OBSERVATION OF VOLTAGE AND WAVEFORMS

1. Voltages read with VTVM from point to ground line voltages 180 ~ 270 volts, color bar signal.
2. Voltages reading may vary +/- 20 %.
3. The schematic shown is representative only.
4. All waveforms atween using a wide band oscilloscope and a low capacity probe.
5. Check FINE TUNING, AGC, BRIGHTNESS, CONTRAST and COLOR controls for best picture. make sure that BRIGHTNESS and COLOR controls are in mid position and CONTRST controls is almost in maximum position
6. Waveforms are taken using a standard color signal.

## TABLE OF INCH CONVERSION ( ⚠ changing parts )

| CIRCUIT NO. | INCH 14" | 16" (ORION) | 20" | 21" | REMARK |
|---|---|---|---|---|---|
| T401 | 154-0648 | 154-0648 | 154-375H | 154-375F | FBT |
| L402 | 150-L01H | 150-L01H | 150-L02C | 150-L02C | LINEARITY COIL |
| R308 | 680 | 680 | 1.1K | 1.1K | RESI. RD 1/6W |
| R311 | 2.2 | 2.2 | 2.2 | 2.2 | RESI. RD 0.5W |
| R423 | 100K | 100K | 82K | 82K | RESI. RD 0.5W |
| R422 | 100K | 100K | 91K | 75K | RESI. RD 0.5W |
| C420 | 0.47 | 0.36 | 0.36 | 0.47 | CAPA. MPP 200V |
| C421 | 6200P | 6800P | 8600P | 8600P | CAPA. MPP 1.6KV |
| R830 | 12 | 12 | 15 | 15 | RESI.RS 0.5W |
| R830 | 27 | 27 | 22 | 22 | RESI.RS 0.5W S-MAX |
| T802 | 151-B05G | 151-B05G | 151-B05G | 151-B05L | TRANS SMPS M/L |
| T802 | | 151-B05H | 151-B05H | 151-B05J | TRANS SMPS S-MAX |
| P901 | 381-100F | 381-100F | 381-226D | 381-226D | SOCKET CPT |
| PCB | 111-M54C | 111-M54C | 111-M54B | 111-M54B | PCB MAIN |
| R304 | 82 | 120 | 300 | 360 | RESI.RD 2W |
| FR423 | 3.0 | 3.0 | 1.8 | 1.6 | RESI RF 2W |
| R919 | 10K | 12K | 12K | 12K | RESI. RS 2W |
| R920 | 10K | 12K | 12K | 12K | RESI. RS 2W |
| R921 | 10K | 12K | 12K | 12K | RESI. RS 2W |
| C901 | 270PF | 270PF | 330PF | 330PF | CH 50V |
| R08 | 470 | 470 | 1.5K | 470 | RESI. RD 1/6W |
| C409 | 0.039 | 0.039 | 0.022 | 0.022 | CQ 100V |
| R411 | 4.7K | 4.7K | 4.3K | 4.3K | 5W |
| R303 | 120K | 75K | 120K | 91K | RESI. RD 1/6W |
| R927 | 820K | 620K | 820K | 620K | RESI. RD 1/6W |

## TABLE OF S-MAX OPTION

| NO | C-NO | NORMAL | S-MAX |
|---|---|---|---|
| 1 | P803 | | 366-S01C |
| 2 | J29 | 971-0016 | |
| 3 | R802 | | 971-0016 |
| 4 | R825 | 0.33 2W | 0.22 2W |
| 5 | FR804 | 4.2W | 0.47 2W |
| 6 | D801 | RSF15J | FML12S |

## TABLE OF A/V OPTION

| NO | C-NO | W/PHONO | W/SCART |
|---|---|---|---|
| 1 | R228 | 1.1K 1/6W | 1.2K 1/6W |
| 2 | J32 | TIN WIRE | X |
| 3 | J135 | X | TIN WIRE |
| 4 | R216 | X | 470 1/6W |
| 5 | R202 | X | 330 1/6W |
| 6 | R204 | 330 1/6W | X |
| 7 | R213 | X | 3K 1/6W |
| 8 | PJ201 | 380-392A | 380-091A |
| 9 | IC202 | X | TEA5114 |
| 10 | R19 | X | 68K 1/6W |
| 11 | C204 | X | CE 10UF |
| 12 | C205 | X | CE 10UF |
| 13 | C206 | X | CE 10UF |
| 14 | C210 | X | CE 33UF |

## ( TUNER OPTION )

| C-NO | SANYO | LGEC-CATV | LGEC-HYPER |
|---|---|---|---|
| TU181 | ETQ00WM001A | 113-118J | 113-238H |
| R118 | 56 1/6W | 47 1/6W | 39 1/6W |
| R184 | 91K | X | 91K |
| R185 | 100K | X | 100K |
| R187 | 18K | 18K | 24K |
| R116 | 68 | 120 | 120 |

## ( 3.58 OPTION )

| NO | C-NO | AV3.58 | R/V3.58 |
|---|---|---|---|
| 1 | R110 | X | 100 1/6W |
| 2 | R120/1 | X | 2.2K 1/6W |
| 3 | R119 | X | 5.6K 1/6W |
| 4 | R103 | X | 10K 1/6W |
| 5 | D110 | X | CE 22U/16V |
| 6 | D102 | X | MA8150 |
| 7 | Q103 | X | KTC3198Y |
| 8 | LJ141 | TIN WIRE | X |

## ( SECAM OPTION )

| NO | C-NO | NORMAL | SECAM |
|---|---|---|---|
| 1 | R510 | 2.7K | 3.3K |
| 2 | R511 | 2.7K | 3.3K |
| 3 | R512 | 10K | 12K |
| 4 | R513 | 10K | X |
| 5 | R514 | 10K | 12K |
| 6 | R515 | 10K | 12K |
| 7 | R516 | 10K | 12K |
| 8 | R517 | 10K | 12K |
| 9 | R518 | 10K | 12K |
| 10 | R519 | 10K | 12K |
| 11 | R520 | 10K | 12K |
| 12 | R521 | 10K | 12K |
| 13 | R522 | 10K | 12K |
| 14 | R523 | 10K | 12K |
| 15 | R524 | 10K | 12K |
| 16 | R525 | 10K | 12K |
| 17 | R526 | 10K | 12K |
| 18 | R527 | 10K | 12K |
| 19 | R528 | 10K | 12K |
| 20 | R529 | 10K | 12K |
| 21 | R530 | 10K | 12K |
| 22 | R531 | 10K | 12K |
| 23 | R532 | 10K | 12K |
| 24 | R533 | 10K | 12K |
| 25 | R534 | 10K | 12K |
| 26 | R535 | 10K | 12K |
| 27 | R536 | 10K | 12K |
| 28 | R537 | 10K | 12K |
| 29 | R538 | 10K | 12K |
| 30 | R539 | 10K | 12K |
| 31 | R540 | 10K | 12K |
| 32 | R541 | 10K | 12K |
| 33 | R542 | 10K | 12K |
| 34 | R543 | 10K | 12K |
| 35 | R544 | 10K | 12K |
| 36 | R545 | 10K | 12K |
| 37 | R546 | 10K | 12K |
| 38 | R547 | 10K | 12K |
| 39 | R548 | 10K | 12K |
| 40 | R549 | 10K | 12K |
| 41 | R550 | 10K | 12K |
| 42 | R551 | 10K | 12K |
| 43 | R552 | 10K | 12K |
| 44 | R553 | 10K | 12K |
| 45 | R554 | 10K | 12K |
| 46 | R555 | 10K | 12K |
| 47 | R556 | 10K | 12K |
| 48 | R557 | 10K | 12K |
| 49 | R558 | 10K | 12K |
| 50 | R559 | 10K | 12K |
| 51 | R560 | 10K | 12K |
| 52 | R561 | 10K | 12K |
| 53 | R562 | 10K | 12K |
| 54 | R563 | 10K | 12K |
| 55 | R564 | 10K | 12K |
| 56 | R565 | 10K | 12K |
| 57 | R566 | 10K | 12K |
| 58 | R567 | 10K | 12K |
| 59 | R568 | 10K | 12K |
| 60 | R569 | 10K | 12K |
| 61 | R570 | 10K | 12K |
| 62 | R571 | 10K | 12K |
| 63 | R572 | 10K | 12K |
| 64 | R573 | 10K | 12K |
| 65 | R574 | 10K | 12K |
| 66 | R575 | 10K | 12K |
| 67 | R576 | 10K | 12K |
| 68 | R577 | 10K | 12K |
| 69 | R578 | 10K | 12K |
| 70 | R579 | 10K | 12K |
| 71 | R580 | 10K | 12K |
| 72 | R581 | 10K | 12K |
| 73 | R582 | 10K | 12K |
| 74 | R583 | 10K | 12K |
| 75 | R584 | 10K | 12K |
| 76 | R585 | 10K | 12K |
| 77 | R586 | 10K | 12K |
| 78 | R587 | 10K | 12K |
| 79 | R588 | 10K | 12K |
| 80 | R589 | 10K | 12K |
| 81 | R590 | 10K | 12K |
| 82 | R591 | 10K | 12K |
| 83 | R592 | 10K | 12K |
| 84 | R593 | 10K | 12K |
| 85 | R594 | 10K | 12K |
| 86 | R595 | 10K | 12K |
| 87 | R596 | 10K | 12K |
| 88 | R597 | 10K | 12K |
| 89 | R598 | 10K | 12K |
| 90 | R599 | 10K | 12K |
| 91 | R600 | 10K | 12K |
| 92 | R601 | 10K | 12K |
| 93 | R602 | 10K | 12K |
| 94 | R603 | 10K | 12K |
| 95 | R604 | 10K | 12K |
| 96 | R605 | 10K | 12K |
| 97 | R606 | 10K | 12K |
| 98 | R607 | 10K | 12K |
| 99 | R608 | 10K | 12K |
| 100 | R609 | 10K | 12K |

## 1. RF/AV/TXT SWITCHING

| MODE | SUB MODE | LA7222-2-4 | 6362-16 | u-COM-40 | u-COM-9 | VIDEO | AUDIO |
|---|---|---|---|---|---|---|---|
| RF | RF(TV) | H | L | H | H | RF | TV-A |
| RF | TXT | H | H | H | L | RF-SYNC | TV-A |
| AV | AV-VIDEO | L | H | L | L | AV | AV-A |
| AV | AV-TXT | L | H | L | L | AV-SYNC | AV-A |

## 2. SAW FILTER SWITCHING

| MODE | D102 | SAW FILTER 1 AND 10 | Q103 | | |
|---|---|---|---|---|---|
| PAL | OFF | NOT CONNECT | ON | 3.58 | 4.43 |
| NTSC | ON | CONNECT | OFF | | |

## 3. SOUND TRAP SWITCHING

| SYSTEM | u-COM(31) | Q505 | Q504 | Q505 | Z501 |
|---|---|---|---|---|---|
| PAL | H | ON | OFF | ON | OFF |
| NTSC | L | OFF | ON | OFF | ON |

## 4. SOUND FILTER SWITCHING

| SYSTEM | u-COM(31) | Q652 | Q653 | Q651 | D650 | SOUND-IF |
|---|---|---|---|---|---|---|
| PAL | H | ON | OFF | OFF | ON | 5.5/5.0/5.5 |
| NTSC | L | OFF | ON | ON | OFF | 4.5 |

## 5. H-SHIFT

| V-FREQ. | u-COM(19) | Q517 | PH2-2(V) | H-SHIFT | SYSTEM |
|---|---|---|---|---|---|
| 60Hz | L | ON | ↓ | RIGHT | NTSC |
| 50Hz | H | OFF | ↑ | LEFT | P/S |

## 6. V-CENTER SHIFT

| V-FREQ. | u-COM(19) | Q301 | IV | V-CENTER |
|---|---|---|---|---|
| 60Hz | L | OFF | | DOWN |
| 50Hz | H | ON | ↑ | UP |

## 7. SYSTEM CONTROL(AUTO)

| S-ID(16) | V-FREQ. | SYSTEM | 3.58-SW(31) | 50/60(19) | TINT(4) | TINT CONTROL |
|---|---|---|---|---|---|---|
| H | 60Hz | SECAM | H | H | H | X |
| L | 50Hz | PAL | H | H | H | X |
| L | 60Hz | N4.43 | L | L | M | 0 |
| L | 60Hz | N3.58 | L | L | M | 0 |

## 8. SYSTEM CONTROL(FORCED)

| SYSTEM | 3.58-SW(31) | 50/60(19) | TINT SW(4) | TINT CONTROL |
|---|---|---|---|---|
| PAL | H | H | H | X |
| SECAM | H | H | H | X |
| N4.43 | L | L | 1 ~ 3.5 | 0 |
| N3.58 | H | L | 1 ~ 3.5 | 0 |

## 9. SYSTEM CONTROL(A/V)

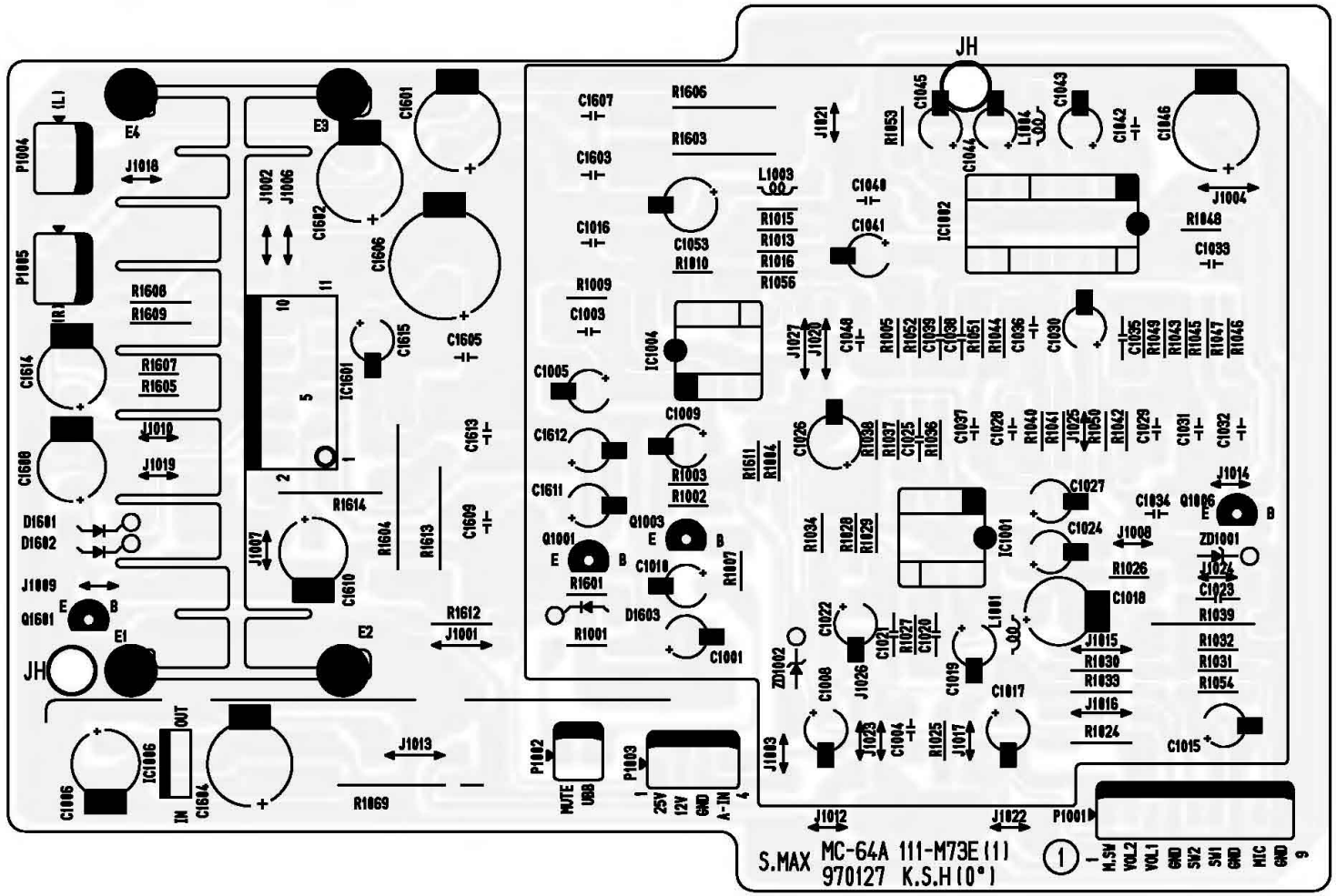
| S-ID(16) | V-FREQ. | SYSTEM | 3.58-SW(31) | 50/60(19) | TINT-SW(4) | TINT-CONTROL |
|---|---|---|---|---|---|---|
| H | 50 | SECAM | H | H | H | X |
| L | 50 | PAL | H | H | H | X |
| L | 60 | N3.58 | L | L | 1 ~ 3.5 | 0 |
| L | 60 | N4.43 | H | L | 1 ~ 3.5 | 0 |

## 10. AV-ID/SHARPNESS

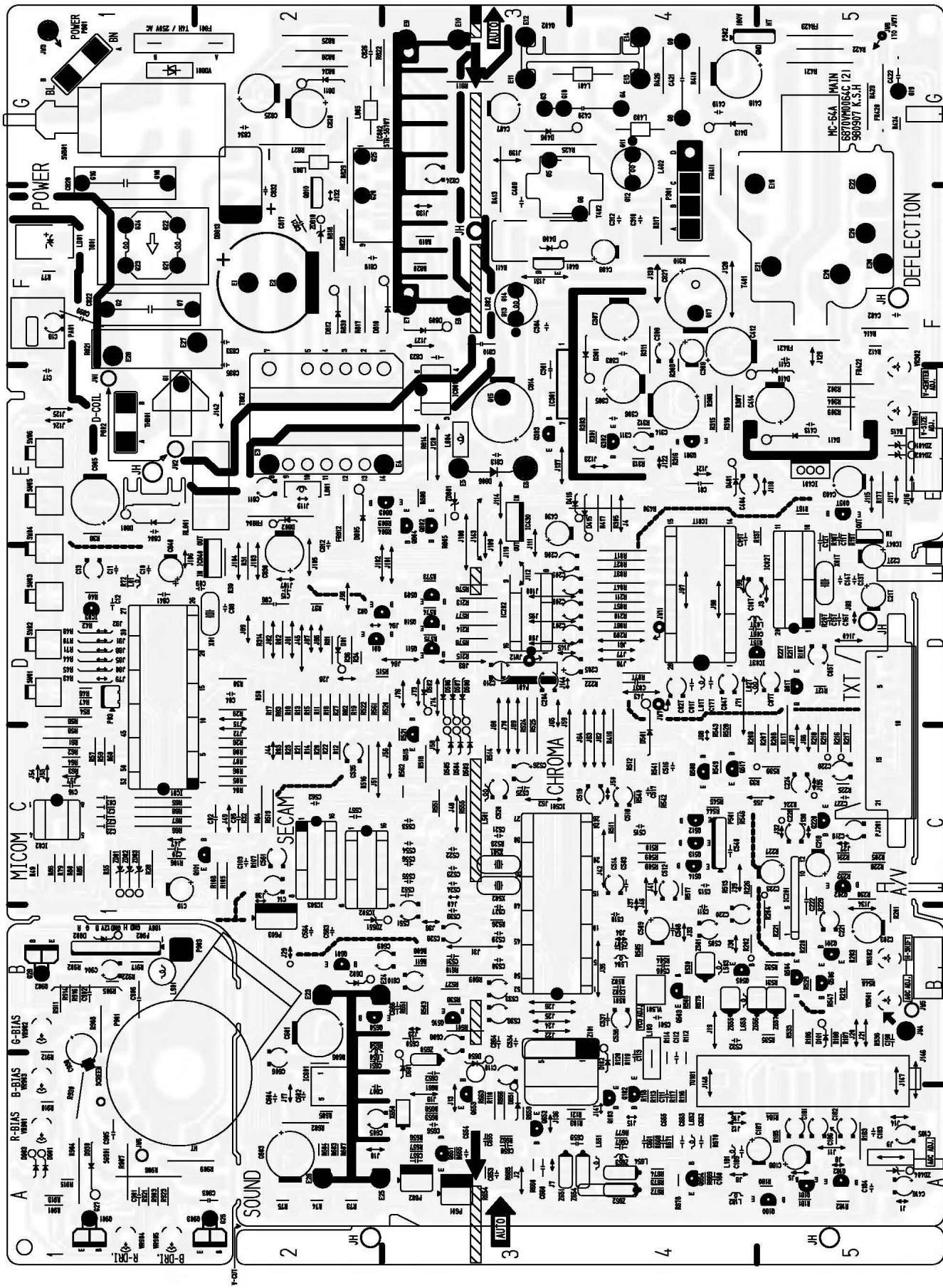
| PICTURE | TDA8362(14) | Q02 | u-COM(17) | REMARKS |
|---|---|---|---|---|
| NO SIGNAL | L | OFF | H | AV DISPLAY ON SCREEN |
| SIGNAL | 1.5 ~ 4(V) | ON | L | VOLT. IS CHANGED BY SHARPNESS |

CIRCUIT DIAGRAM
MC-64A
484-935A

# STEREO BOARD



# PRINTED CIRCUIT BOARD



The components identified by shading and mark ⚠ are critical for safety.
Replace only with part number specified.

# REPLACEMENT PARTS LIST

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| | | **IC** |
| IC01 | 0IGS863420B | IC,LG8634-20B(GMS84512-TA027) 52S |
| IC02 | 0IAL240210A | IC,AT24C02-10PC 8D EEPROM(2K,IIC) |
| IC03 | 0IKE704200B | IC,KIA7042P 3P 4.2V RESET |
| IC201 | 0ISA722200A | IC,LA7222 (1280 AUDIO) |
| IC202 | 0ISG511400A | IC,TEA5114 |
| IC301 | 0ISA783300A | IC,LA7833 7SIP V/OUT 2.2A(P-P) |
| IC401 | 0IKE781200C | IC,KIA7812PI 3P(TO-220IS) 12V,1A |
| IC430 | 0IKE780800A | IC,KIA7808PI 3P(TO-220IS) 1A,8V |
| IC501 | 0IPH836255B | IC,TDA8362B/N5 52SD P/N/S 1CHIP |
| IC502 | 0IPH466500B | IC,TDA4665-V4 16D 1H D/L(TAIWAN) |
| IC503 | 0IPH839520A | IC,TDA8395P/N2 16D SECAM DETECT. |
| IC601 | 0ISG200600A | IC,TDA2006,SOUND |
| ⚠ IC801 | 0ITF435000A | IC,4N35(G)V 6D PHOTO COUPLER |
| ⚠ IC802 | 0ISK570700A | IC,STR/S5707(LF.953) 9P SMPS-CNTR |
| IC840 | 0IKE780500K | IC,KIA7805PI 3P(TO-220IS) 5V,1A |
| | | **DIODE** |
| ⚠ DB813 | 0DD260000BD | DIODE,BRIDGE D2SBA60 |
| D01 | 0DD414809ED | DIODE,DS4148 |
| D101 | 0DD414809ED | DIODE,DS4148 |
| D301 | 0DD400509AA | DIODE,1N4005 GP |
| D401 | 0DD414809ED | DIODE,DS4148 |
| D406 | 0DD060009AC | DIODE,TVR06J 0.6A/600V 250NS |
| D408 | 0DD414809ED | DIODE,DS4148 |
| D410 | 0DD060009AC | DIODE,TVR06J 0.6A/600V 250NS |
| D411 | 0DD150009CA | DIODE,RGP15J |
| D413 | 0DD060009AC | DIODE,TVR06J 0.6A/600V 250NS |
| D415 | 0DD414809ED | DIODE,DS4148 |
| D416 | 0DD414809ED | DIODE,DS4148 |
| D501 | 0DD414809ED | DIODE,DS4148 |
| D502 | 0DD414809ED | DIODE,DS4148 |
| D503 | 0DD414809ED | DIODE,DS4148 |
| D504 | 0DD414809ED | DIODE,DS4148 |
| D505 | 0DD414809ED | DIODE,DS4148 |
| D506 | 0DD414809ED | DIODE,DS4148 |
| D507 | 0DD414809ED | DIODE,DS4148 |
| D508 | 0DD414809ED | DIODE,DS4148 |
| D601 | 0DD414809ED | DIODE,DS4148 |
| D801 | 0DD150009CA | DIODE,RGP15J |
| D805 | 0DD060009AC | DIODE,TVR06J 0.6A/600V 250NS |
| D806 | 0DD560009AA | DIODE,BYT56M TEMIC TP TEMIC |
| D809 | 0DD100009AM | DIODE,EU1ZV |
| D810 | 0DD100009AM | DIODE,EU1ZV |
| D811 | 0DD060009AC | DIODE,TVR06J 0.6A/600V 250NS |
| D812 | 0DD060009AC | DIODE,TVR06J 0.6A/600V 250NS |
| D901 | 0DD414809ED | DIODE,DS4148 |
| D901 | 0DD414809ED | DIODE,DS4148 |
| D902 | 0DD414809ED | DIODE,DS4148 |
| D902 | 0DD414809ED | DIODE,DS4148 |
| D903 | 0DD414809ED | DIODE,DS4148 |
| D903 | 0DD414809ED | DIODE,DS4148 |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| D930 | 0DD400309AD | DIODE,IN4003A RECT |
| D930 | 0DD400309AD | DIODE,IN4003A RECT |
| LD01 | 0DD000000BA | DIODE,LAMP(DIFFUSION TYPE) |
| ZD01 | 0DZ750009AA | DIODE,ZENER MTZ7.5B |
| ZD02 | 0DZ750009AA | DIODE,ZENER MTZ7.5B |
| ZD03 | 0DZ750009AA | DIODE,ZENER MTZ7.5B |
| ZD401 | 0DZ910009BA | DIODE,ZENER MTZ9.1B |
| ZD402 | 0DZ510009AB | DIODE,ZENER MTZ5.1B |
| ZD404 | 0DZ330009BA | DIODE,ZENER HZT33 |
| ZD551 | 0DZ510009AB | DIODE,ZENER MTZ5.1B |
| ZD801 | 0DZ910009BA | DIODE,ZENER MTZ9.1B |
| ZD810 | 0DZ750009AA | DIODE,ZENER MTZ7.5B |
| | | **TRANSISTOR** |
| Q01 | 0TR126609AA | TR,KTA1266-TP-Y (KTA1015) KEC |
| Q02 | 0TR319809AA | TR,KTC3198-TP-Y (KTC1815)KEC |
| Q101 | 0TR319809AB | TR,KTC3198-TP-GR (KTC1815) |
| Q102 | 0TR319709AB | TR,KTC3197,TP(KTC388A),KEC |
| Q180 | 0TR126609AA | TR,KTA1266-TP-Y (KTA1015) KEC |
| Q181 | 0TR126609AA | TR,KTA1266-TP-Y (KTA1015) KEC |
| Q182 | 0TR126609AA | TR,KTA1266-TP-Y (KTA1015) KEC |
| Q201 | 0TR126609AA | TR,KTA1266-TP-Y (KTA1015) KEC |
| Q202 | 0TR319809AA | TR,KTC3198-TP-Y (KTC1815)KEC |
| Q220 | 0TR319809AA | TR,KTC3198-TP-Y (KTC1815)KEC |
| Q301 | 0TR319809AA | TR,KTC3198-TP-Y (KTC1815)KEC |
| Q302 | 0TR319809AA | TR,KTC3198-TP-Y (KTC1815)KEC |
| Q303 | 0TR319809AA | TR,KTC3198-TP-Y (KTC1815)KEC |
| Q401 | 0TR102609AA | TR,KTC1026-Y TP(KTC2230A),KEC |
| ⚠ Q402 | 0TR525000AA | TR,2SC5250 TO-3PFM HITACHI |
| Q503 | 0TR126609AA | TR,KTA1266-TP-Y (KTA1015) KEC |
| Q508 | 0TR102009AB | TR,KRC102M,TP(KRC1202),KEC |
| Q509 | 0TR319809AB | TR,KTC3198-TP-GR (KTC1815) |
| Q510 | 0TR319809AB | TR,KTC3198-TP-GR (KTC1815) |
| Q511 | 0TR319809AB | TR,KTC3198-TP-GR (KTC1815) |
| Q512 | 0TR126609AA | TR,KTA1266-TP-Y (KTA1015) KEC |
| Q513 | 0TR126609AA | TR,KTA1266-TP-Y (KTA1015) KEC |
| Q514 | 0TR126609AA | TR,KTA1266-TP-Y (KTA1015) KEC |
| Q515 | 0TR319809AA | TR,KTC3198-TP-Y (KTC1815)KEC |
| Q517 | 0TR126609AA | TR,KTA1266-TP-Y (KTA1015) KEC |
| Q601 | 0TR102009AB | TR,KRC102M,TP(KRC1202),KEC |
| Q650 | 0TR319809AA | TR,KTC3198-TP-Y (KTC1815)KEC |
| Q651 | 0TR319809AA | TR,KTC3198-TP-Y (KTC1815)KEC |
| Q654 | 0TR319809AA | TR,KTC3198-TP-Y (KTC1815)KEC |
| Q802 | 0TR320209AA | TR,KTC3202-TP-Y (KTC1959)KEC |
| Q803 | 0TR319809AB | TR,KTC3198-TP-GR (KTC1815) |
| Q804 | 0TR319809AA | TR,KTC3198-TP-Y (KTC1815)KEC |
| Q810 | 0TR102609AA | TR,KTC1026-Y TP(KTC2230A),KEC |
| Q901 | 0TR322900AA | TR,KTC3229 (KTC2068),KEC |
| Q901 | 0TR322900AA | TR,KTC3229 (KTC2068),KEC |
| Q902 | 0TR322900AA | TR,KTC3229 (KTC2068),KEC |
| Q902 | 0TR322900AA | TR,KTC3229 (KTC2068),KEC |
| Q903 | 0TR322900AA | TR,KTC3229 (KTC2068),KEC |
| Q903 | 0TR322900AA | TR,KTC3229 (KTC2068),KEC |

The components identified by shading and mark ⚠ are critical for safety.
Replace only with part number specified.

## CAPACITOR

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| C01 | 0CN1030F679 | C,TUBULA(HIGH DIELE) 0.01MF 16V M |
| C02 | 0CN4710K519 | C,TUBULA(HIGH DIELE) 470PF 50V K |
| C03 | 0CN3910K519 | C,TUBULA(HIGH DIELE) 390P 50V K |
| C04 | 0CQ4731N509 | C,POLYESTER(MYLAR) 0.047U 100V K |
| C05 | 0CN1010K519 | C,TUBULA(HIGH DIELE) 100PF 50V K |
| C06 | 0CN2710K519 | C,TUBULA(HIGH DIELE) 270PF 50V K |
| C08 | 0CC2200K415 | C,CERAMIC(TEMP COMP) 22P 50V J |
| C09 | 0CC2200K415 | C,CERAMIC(TEMP COMP) 22P 50V J |
| C10 | 0CC1500K415 | C,CERAMIC(TEMP COMP) 15P 50V J |
| C103 | 0CQ1041N509 | C,POLYESTER(MYLAR) 0.1MF 100V L |
| C11 | 0CC1000K115 | C,CERAMIC(TEMP COMP) 10PF 50V D |
| C111 | 0CN1030F679 | C,TUBULA(HIGH DIELE) 0.01MF 16V M |
| C112 | 0CN1030F679 | C,TUBULA(HIGH DIELE) 0.01MF 16V M |
| C113 | 0CN1030F679 | C,TUBULA(HIGH DIELE) 0.01MF 16V M |
| C12 | 0CN1030F679 | C,TUBULA(HIGH DIELE) 0.01MF 16V M |
| C13 | 0CE335DK618 | C,ELECTROLYTIC 3.3UF STD 50V M |
| C14 | 0CE475DK618 | C,ELECTROLYTIC 4.7UF STD 50V M |
| C16 | 0CN1030F679 | C,TUBULA(HIGH DIELE) 0.01MF 16V M |
| C17 | 0CQ1041N509 | C,POLYESTER(MYLAR) 0.1MF 100V L |
| C18 | 0CE107DD618 | C,ELECTROLYTIC 100UF STD 10V M |
| C180 | 0CN1040K949 | C,TUBULA(HIGH DIELE) 0.1M 50V Z |
| C181 | 0CE475DK618 | C,ELECTROLYTIC 4.7UF STD 50V M |
| C182 | 0CE475DK618 | C,ELECTROLYTIC 4.7UF STD 50V M |
| C183 | 0CQ1041N509 | C,POLYESTER(MYLAR) 0.1MF 100V L |
| C184 | 181-442Z | C,POLYESTER 0.1MF 50V K |
| C185 | 0CE475DK618 | C,ELECTROLYTIC 4.7UF STD 50V M |
| C186 | 0CE106DF618 | C,ELECTROLYTIC 10UF STD 16V M |
| C187 | 0CE337DF618 | C,ELECTROLYTIC 330UF STD 16V M |
| C188 | 0CE107DF618 | C,ELECTROLYTIC 100UF STD 16V M |
| C189 | 0CN1030F679 | C,TUBULA(HIGH DIELE) 0.01MF 16V M |
| C20 | 0CN2210K519 | C,TUBULA(HIGH DIELE) 220PF 50V K |
| C203 | 0CE227DF618 | C,ELECTROLYTIC 220UF STD 16V M |
| C204 | 0CE106DF618 | C,ELECTROLYTIC 10UF STD 16V M |
| C205 | 0CE106DF618 | C,ELECTROLYTIC 10UF STD 16V M |
| C206 | 0CE106DF618 | C,ELECTROLYTIC 10UF STD 16V M |
| C207 | 0CE106DF618 | C,ELECTROLYTIC 10UF STD 16V M |
| C208 | 0CE106DF618 | C,ELECTROLYTIC 10UF STD 16V M |
| C209 | 0CE106DF618 | C,ELECTROLYTIC 10UF STD 16V M |
| C21 | 0CN1010K519 | C,TUBULA(HIGH DIELE) 100PF 50V K |
| C210 | 0CE336DF618 | C,ELECTROLYTIC 33UF STD 16V M |
| C218 | 0CE227DD618 | C,ELECTROLYTIC 220UF STD 10V M |
| C219 | 0CE226DF618 | C,ELECTROLYTIC 22UF STD 16V M |
| C22 | 0CN1010K519 | C,TUBULA(HIGH DIELE) 100PF 50V K |
| C220 | 0CE106DF618 | C,ELECTROLYTIC 10UF STD 16V M |
| C221 | 0CE106DF618 | C,ELECTROLYTIC 10UF STD 16V M |
| C222 | 0CN1030F679 | C,TUBULA(HIGH DIELE) 0.01MF 16V M |
| C223 | 0CE107DF618 | C,ELECTROLYTIC 100UF STD 16V M |
| C224 | 0CE106DF618 | C,ELECTROLYTIC 10UF STD 16V M |
| C226 | 0CE106DF618 | C,ELECTROLYTIC 10UF STD 16V M |
| C227 | 0CQ1021N509 | C,POLYESTER(MYLAR) 0.001U 100V K |
| C228 | 0CE107DD618 | C,ELECTROLYTIC 100UF STD 10V M |
| C23 | 0CN1010K519 | C,TUBULA(HIGH DIELE) 100PF 50V K |
| C301 | 0CN3310K519 | C,TUBULA(HIGH DIELE) 330P 50V K |
| C303 | 0CC5600K415 | C,CERAMIC(TEMP COMP) 56P 50V J |
| C304 | 0CQ1021N509 | C,POLYESTER(MYLAR) 0.001U 100V K |
| C305 | 0CE227DJ618 | C,ELECTROLYTIC 220UF STD 35V M |
| C306 | 0CQ6831N509 | C,POLYESTER(MYLAR) 0.068U 100V K |
| C308 | 0CSZVTA001G | C,TANTALUM 2.2UF 25V K |
| C310 | 0CQ1041N509 | C,POLYESTER(MYLAR) 0.1MF 100V L |
| C311 | 0CE476DF618 | C,ELECTROLYTIC 47UF STD 16V M |
| C312 | 0CQ1041N509 | C,POLYESTER(MYLAR) 0.1MF 100V L |
| C314 | 0CE108DH618 | C,ELECTROLYTIC 1000UF STD 25V M |
| C402 | 0CQ1531N509 | C,POLYESTER(MYLAR) 0.015MF 100V K |
| C403 | 0CE227DF618 | C,ELECTROLYTIC 220UF STD 16V M |
| C404 | 0CE225DK618 | C,ELECTROLYTIC 2.2UF STD 50V M |
| C407 | 0CE475DP618 | C,ELECTROLYTIC 4.7UF STD 160V M |
| C408 | 0CE105DP618 | C,ELECTROLYTIC 1UF STD 160V M |
| C409 | 0CQ2231N509 | C,POLYESTER(MYLAR) 0.022MF 100V K |
| C411 | 0CK4710W515 | C,CERAMIC(HIGH DIELE) 470PF 500V K |
| C412 | 0CE108DJ618 | C,ELECTROLYTIC 1000UF STD 35V M |
| C413 | 0CK4710W515 | C,CERAMIC(HIGH DIELE) 470PF 500V K |
| C414 | 0CE337DH618 | C,ELECTROLYTIC 330UF STD 25V M |
| C416 | 0CE475DK618 | C,ELECTROLYTIC 4.7UF STD 50V M |
| C418 | 0CE1061R618 | C,ELECTROLYTIC 10M SM 250V M |
| C419 | 0CK4710W515 | C,CERAMIC(HIGH DIELE) 470PF 500V K |
| ⚠ C420 | 181-013B | CAPACITOR MPP 200V 0.36uF J |
| "(21") | 181-013E | CAPACITOR MPP 200V 0.47uF J |
| ⚠ C421 | 181-015J | C,MPP 1600V 0.0086uF H |
| C422 | 181-009V | C,PP 200V 0.047UF K |
| C430 | 0CE227DD618 | C,ELECTROLYTIC 220UF STD 10V M |
| C501 | 0CQ2721N409 | C,POLYESTER(MYLAR) 2700PF 100V J |
| C502 | 0CX1000K409 | C,TUBULA(T.C) 10P 50V J |
| C503 | 0CN1030F679 | C,TUBULA(HIGH DIELE) 0.01MF 16V M |
| C505 | 0CE106DF618 | C,ELECTROLYTIC 10UF STD 16V M |
| C507 | 0CN1040K949 | C,TUBULA(HIGH DIELE) 0.1M 50V Z |
| C508 | 0CN2230H949 | C,TUBULA(HIGH DIELE) 22000P 25V Z F |
| C509 | 0CE107DF618 | C,ELECTROLYTIC 100UF STD 16V M |
| C510 | 181-442Z | C,POLYESTER 0.1MF 50V K |
| C511 | 181-442Z | C,POLYESTER 0.1MF 50V K |
| C512 | 0CE106DF618 | C,ELECTROLYTIC 10UF STD 16V M |
| C513 | 0CQ1042K439 | C,POLYESTER(MYLAR) 0.1UF S 50V J |
| C514 | 0CE476DF618 | C,ELECTROLYTIC 47UF STD 16V M |
| C515 | 181-442Z | C,POLYESTER 0.1MF 50V K |
| C516 | 0CQ1041N509 | C,POLYESTER(MYLAR) 0.1MF 100V L |
| C517 | 0CQ1041N509 | C,POLYESTER(MYLAR) 0.1MF 100V L |
| C518 | 0CE476DF618 | C,ELECTROLYTIC 47UF STD 16V M |
| C519 | 0CE336DF618 | C,ELECTROLYTIC 33UF STD 16V M |
| C520 | 0CE475DK618 | C,ELECTROLYTIC 4.7UF STD 50V M |
| C521 | 0CQ4721N509 | C,POLYESTER(MYLAR) 0.0047U 100V K |
| C522 | 0CQ1041N509 | C,POLYESTER(MYLAR) 0.1MF 100V L |
| C523 | 0CC1300K415 | C,CERAMIC(TEMP COMP) 13P 50V J |
| C524 | 0CC1300K415 | C,CERAMIC(TEMP COMP) 13P 50V J |

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| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| C525 | 0CN2230H949 | C,TUBULA(HIGH DIELE) 22000P 25V Z F |
| C526 | 0CE476DF618 | C,ELECTROLYTIC 47UF STD 16V M |
| C527 | 0CQ4721N509 | C,POLYESTER(MYLAR) 0.0047U 100V K |
| C528 | 0CE105DK618 | C,ELECTROLYTIC 1UF STD 50V M |
| C529 | 0CQ4721N509 | C,POLYESTER(MYLAR) 0.0047U 100V K |
| C530 | 181-442Z | C,POLYESTER 0.1MF 50V K |
| C531 | 0CN1030F679 | C,TUBULA(HIGH DIELE) 0.01MF 16V M |
| C532 | 0CQ2231N509 | C,POLYESTER(MYLAR) 0.022MF 100V K |
| C533 | 0CE225DK618 | C,ELECTROLYTIC 2.2UF STD 50V M |
| C534 | 181-442Z | C,POLYESTER 0.1MF 50V K |
| C535 | 0CE106DF618 | C,ELECTROLYTIC 10UF STD 16V M |
| C536 | 0CE106DF618 | C,ELECTROLYTIC 10UF STD 16V M |
| C537 | 0CN2230H949 | C,TUBULA(HIGH DIELE) 22000P 25V Z F |
| C538 | 0CE225DK618 | C,ELECTROLYTIC 2.2UF STD 50V M |
| C539 | 0CQ3321N509 | C,POLYESTER(MYLAR) 0.0033U 100V K |
| C551 | 0CE476DF618 | C,ELECTROLYTIC 47UF STD 16V M |
| C552 | 0CN2230H949 | C,TUBULA(HIGH DIELE) 22000P 25V Z F |
| C553 | 181-442Z | C,POLYESTER 0.1MF 50V K |
| C554 | 181-442Z | C,POLYESTER 0.1MF 50V K |
| C555 | 0CQ1021N509 | C,POLYESTER(MYLAR) 0.001U 100V K |
| C556 | 0CQ1021N509 | C,POLYESTER(MYLAR) 0.001U 100V K |
| C557 | 0CN2230H949 | C,TUBULA(HIGH DIELE) 22000P 25V Z F |
| C561 | 0CE476DF618 | C,ELECTROLYTIC 47UF STD 16V M |
| C562 | 0CQ2231N509 | C,POLYESTER(MYLAR) 0.022MF 100V K |
| C563 | 0CQ1041N509 | C,POLYESTER(MYLAR) 0.1MF 100V L |
| C564 | 0CQ2242L439 | CAPACITOR,POLYESTER 0.22UF S 63V J |
| C601 | 0CE108DJ618 | C,ELECTROLYTIC 1000UF STD 35V M |
| C602 | 0CQ1031N509 | C,POLYESTER(MYLAR) 0.01U 100V K |
| C603 | 0CE477DF618 | C,ELECTROLYTIC 470UF STD 16V M |
| C604 | 181-442Z | C,POLYESTER 0.1MF 50V K |
| C605 | 0CE225DK618 | C,ELECTROLYTIC 2.2UF STD 50V M |
| C606 | 0CE336DK618 | C,ELECTROLYTIC 33UF STD 50V M |
| C607 | 0CQ1031N509 | C,POLYESTER(MYLAR) 0.01U 100V K |
| C608 | 0CE475DK618 | C,ELECTROLYTIC 4.7UF STD 50V M |
| C609 | 0CE475DK618 | C,ELECTROLYTIC 4.7UF STD 50V M |
| C610 | 0CE226DK618 | C,ELECTROLYTIC 22UF STD 50V M |
| C650 | 0CN1020K519 | C,TUBULA(HIGH DIELE) 1000PF 50V K |
| C651 | 0CN1510K519 | C,TUBULA(HIGH DIELE) 150P 50V K |
| C652 | 0CN1030F679 | C,TUBULA(HIGH DIELE) 0.01MF 16V M |
| C653 | 0CC3910K405 | C,CERAMIC(TEMP COMP) 390P 50V J |
| C654 | 0CQ3321N509 | C,POLYESTER(MYLAR) 0.0033U 100V K |
| C655 | 0CX2200K409 | C,TUBULA(T.C) 22PF 50V J |
| C656 | 181-442Z | C,POLYESTER 0.1MF 50V K |
| C657 | 0CN1030F679 | C,TUBULA(HIGH DIELE) 0.01MF 16V M |
| C658 | 0CN1020K519 | C,TUBULA(HIGH DIELE) 1000PF 50V K |
| C662 | 0CX4700K409 | C,TUBULA(T.C) 47PF 50V J |
| C663 | 0CX3300K409 | C,TUBULA(T.C) 33PF 50V J |
| C664 | 0CN1030F679 | C,TUBULA(HIGH DIELE) 0.01MF 16V M |
| C665 | 0CX5600K409 | C,TUBULA(T.C) 56P 50V J |
| C666 | 0CN1030F679 | C,TUBULA(HIGH DIELE) 0.01MF 16V M |
| C667 | 0CX4700K409 | C,TUBULA(T.C) 47PF 50V J |
| C804 | 0CK4710W515 | C,CERAMIC(HIGH DIELE) 470PF 500V K |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| C805 | 0CE477DJ618 | C,ELECTROLYTIC 470UF STD 35V M |
| ⚠ C810 | 181-120K | CAPACITOR ACT 4KV E 222M TP10 |
| C811 | 0CE475DK618 | C,ELECTROLYTIC 4.7UF STD 50V M |
| C812 | 0CK4710W515 | C,CERAMIC(HIGH DIELE) 470PF 500V K |
| C813 | 0CK47101515 | C,CERAMIC(HIGH DIELE) 470P 1KV K |
| C814 | 0CE227DP650 | C,ELECTROLYTIC 220UF STD 160V M |
| C817 | 181-001V | C,AL.ELECTROLYTIC CE 450V 220UF M |
| C819 | 0CK4710W515 | C,CERAMIC(HIGH DIELE) 470PF 500V K |
| C820 | 0CE227DJ618 | C,ELECTROLYTIC 220UF STD 35V M |
| C821 | 181-091W | CAPACITOR 2KV R 471K TP7.5 |
| ⚠ C822 | 0CQZVBK002B | C,POLYESTER A.C 275V 0.15UF K |
| C823 | 0CN1020K519 | C,TUBULA(HIGH DIELE) 1000PF 50V K |
| C824 | 0CE475DK618 | C,ELECTROLYTIC 4.7UF STD 50V M |
| C825 | 0CE227DJ618 | C,ELECTROLYTIC 220UF STD 35V M |
| C826 | 181-120K | CAPACITOR ACT 4KV E 222M TP10 |
| C827 | 0CE1071P650 | C,ELECTROLYTIC 100M SM 160V M |
| ⚠ C828 | 0CQZVBK002B | C,POLYESTER A.C 275V 0.15UF K |
| C830 | 0CE477DF618 | C,ELECTROLYTIC 470UF STD 16V M |
| C832 | 0CK10201515 | C,CERAMIC(HIGH DIELE) 1000P 1KV K |
| C833 | 0CK10201515 | C,CERAMIC(HIGH DIELE) 1000P 1KV K |
| C834 | 0CK10201515 | C,CERAMIC(HIGH DIELE) 1000P 1KV K |
| C835 | 0CK10201515 | C,CERAMIC(HIGH DIELE) 1000P 1KV K |
| C840 | 0CE227DD618 | C,ELECTROLYTIC 220UF STD 10V M |
| C841 | 0CN1030F679 | C,TUBULA(HIGH DIELE) 0.01MF 16V M |
| C901 | 0CN2710K519 | C,TUBULA(HIGH DIELE) 270PF 50V K |
| C901 | 0CN2710K519 | C,TUBULA(HIGH DIELE) 270PF 50V K |
| C902 | 0CN2710K519 | C,TUBULA(HIGH DIELE) 270PF 50V K |
| C902 | 0CN2710K519 | C,TUBULA(HIGH DIELE) 270PF 50V K |
| C903 | 0CN2710K519 | C,TUBULA(HIGH DIELE) 270PF 50V K |
| C903 | 0CN3310K519 | C,TUBULA(HIGH DIELE) 330P 50V K |
| C904 | 0CE476DF618 | C,ELECTROLYTIC 47UF STD 16V M |
| C904 | 0CE476DF618 | C,ELECTROLYTIC 47UF STD 16V M |
| C905 | 181-033S | CAPACITOR 2KV B 122K TP7.5 |
| C905 | 181-033S | CAPACITOR 2KV B 122K TP7.5 |
| C906 | 0CN1810K519 | C,TUBULA(HIGH DIELE) 180PF 50V K |
| C906 | 0CN1810K519 | C,TUBULA(HIGH DIELE) 180PF 50V K |
| C930 | 0CE225DR618 | C,ELECTROLYTIC 2.2UF STD 250V M |
| C930 | 0CE225DR618 | C,ELECTROLYTIC 2.2UF STD 250V M |

## COIL & TRANSFORMER

| | | |
|---|---|---|
| J103 | 0LA0102K119 | INDUCTOR,10UH K |
| J106 | 0LA0102K119 | INDUCTOR,10UH K |
| J130 | 125-022K | CORE,FERRITE 1UH |
| L01 | 0LA0392K119 | INDUCTOR,39UH K |
| L103 | 0LA0101K119 | INDUCTOR,1.0UH K |
| L181 | 0LA0331K119 | INDUCTOR,3.3UH K 2.3*3.4 TP |
| L182 | 0LA0222K119 | INDUCTOR,22UH K |
| ⚠ L402 | 150-L02C | COIL,H-LINEARITY 170UH |
| L403 | 125-022K | CORE,FERRITE 1UH |
| L501 | 0LA1000K119 | INDUCTOR,100UH K |
| L504 | 0LA0331K119 | INDUCTOR,3.3UH K 2.3*3.4 TP |
| L650 | 0LA0821K119 | INDUCTOR,8.2UH K |

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| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| L652 | 0LA0182K119 | INDUCTOR,18UH K |
| L653 | 0LA0681K119 | INDUCTOR,6.8UH K |
| L654 | 0LA0122K119 | INDUCTOR,12UH K |
| L802 | 150-C02F | COIL,CHOKE 82UH R1217 |
| L803 | 125-022K | CORE,FERRITE 1UH |
| L804 | 125-123A | CORE,FERRITE BFD3565R2F |
| L805 | 125-022K | CORE,FERRITE 1UH |
| L901 | 150-C02A | COIL,CHOKE 10UH R0814 |
| T402 | 151-C02H | TRANSFORMER,H-DRIVE,EI-19,BULK |
| ⚠ T801 | 150-F06N | COIL,LINE FILTER SQE2424 7MH |
| ⚠ T802 | 151-B06Q | TRANSFORMER,SMPS EER4215 STR-S5707 W |
| "(21") | 151-B06L | TRANSFORMER,SMPS EER4215 STR-S5707 W |
| VL501 | 150-E16C | COIL,VAR 07S 1B 38.9MHZ |
| **RESISTOR** | | |
| ⚠ FR421 | 0RF0101J607 | R,FUSIBLE 1 1W 5% |
| ⚠ FR422 | 0RF0470J607 | R,FUSIBLE 0.47 1W 5% |
| ⚠ FR423 | 180-D02K | R,RNF RND(S) CR 2W 1.8 J |
| ⚠ FR804 | 0RF0201K607 | R,FUSIBLE 2 2W 5% |
| ⚠ FR812 | 0RF0470H609 | R,FUSIBLE 0.47 1/2W 5 |
| J94 | 0RD1503F609 | R,CARBON FILM 150K 1/6W 5 |
| R02 | 0RD2702F609 | R,CARBON FILM 27K 1/6W 5 |
| R03 | 0RD9101F609 | R,CARBON FILM 9.1K 1/6W 5 |
| R04 | 0RD2200F609 | R,CARBON FILM 220 1/6W 5 |
| R05 | 0RD0912F609 | R,CARBON FILM 91 1/6W 5 |
| R06 | 0RD1001F609 | R,CARBON FILM 1.0K 1/6W 5 |
| R07 | 0RD3300F609 | R,CARBON FILM 330 1/6W 5 |
| R08 | 0RD7500F609 | R,CARBON FILM 750 1/6W 5 |
| "(21") | 0RD4700F609 | R,CARBON FILM 470 1/6W 5 |
| R105 | 0RD3302F609 | R,CARBON FILM 33K 1/6W 5 |
| R106 | 0RD1003F609 | R,CARBON FILM 100K 1/6W 5 |
| R107 | 0RD3302F609 | R,CARBON FILM 33K 1/6W 5 |
| R108 | 0RD2402F609 | R,CARBON FILM 24K 1/6W 5 |
| R11 | 0RD5601F609 | R,CARBON FILM 5.6K 1/6W 5 |
| R112 | 0RD2200F609 | R,CARBON FILM 220 1/6W 5 |
| R113 | 0RD5101F609 | R,CARBON FILM 5.1K 1/6W 5 |
| R114 | 0RD6800F609 | R,CARBON FILM 680 1/6W 5 |
| R116 | 0RD1200F609 | R,CARBON FILM 120 1/6W 5 |
| R117 | 0RD1001F609 | R,CARBON FILM 1.0K 1/6W 5 |
| R118 | 0RD0392F609 | R,CARBON FILM 39 1/6W 5 |
| R12 | 0RD1001F609 | R,CARBON FILM 1.0K 1/6W 5 |
| R13 | 0RD1601F609 | R,CARBON FILM 1.6K 1/6W 5 |
| R14 | 0RD1201F609 | R,CARBON FILM 1.2K 1/6W 5 |
| R15 | 0RD2001F609 | R,CARBON FILM 2.0K 1/6W 5 |
| R16 | 0RD3901F609 | R,CARBON FILM 3.9K 1/6W 5 |
| R17 | 0RD1601F609 | R,CARBON FILM 1.6K 1/6W 5 |
| "(21") | 0RD2201F609 | R,CARBON FILM 2.2K 1/6W 5 |
| R18 | 0RD2201F609 | R,CARBON FILM 2.2K 1/6W 5 |
| "(21") | 0RD1001F609 | R,CARBON FILM 1K 1/6W 5 |
| R180 | 0RD4702F609 | R,CARBON FILM 47K 1/6W 5 |
| R181 | 0RD4702F609 | R,CARBON FILM 47K 1/6W 5 |
| R182 | 0RD4702F609 | R,CARBON FILM 47K 1/6W 5 |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| R183 | 0RD3302F609 | R,CARBON FILM 33K 1/6W 5 |
| R184 | 0RD9102F609 | R,CARBON FILM 91K 1/6W 5 |
| R185 | 0RD1003F609 | R,CARBON FILM 100K 1/6W 5 |
| R186 | 0RD1002F609 | R,CARBON FILM 10K 1/6W 5 |
| R187 | 0RD2402F609 | R,CARBON FILM 24K 1/6W 5 |
| R188 | 0RD1202F609 | R,CARBON FILM 12K 1/6W 5 |
| R19 | 0RD6802F609 | R,CARBON FILM 68K 1/6W 5 |
| R20 | 0RD8201F609 | R,CARBON FILM 8.2K 1/6W 5 |
| R201 | 0RD0752F609 | R,CARBON FILM 75 1/6W 5 |
| R202 | 0RD3300F609 | R,CARBON FILM 330 1/6W 5 |
| R203 | 0RD3300F609 | R,CARBON FILM 330 1/6W 5 |
| R205 | 0RD0822F609 | R,CARBON FILM 82 1/6W 5 |
| R206 | 0RD0752F609 | R,CARBON FILM 75 1/6W 5 |
| R207 | 0RD0752F609 | R,CARBON FILM 75 1/6W 5 |
| R208 | 0RD0752F609 | R,CARBON FILM 75 1/6W 5 |
| R209 | 0RD2200F609 | R,CARBON FILM 220 1/6W 5 |
| R21 | 0RD2702F609 | R,CARBON FILM 27K 1/6W 5 |
| R210 | 0RD2200F609 | R,CARBON FILM 220 1/6W 5 |
| R211 | 0RD2200F609 | R,CARBON FILM 220 1/6W 5 |
| R212 | 0RD2202F609 | R,CARBON FILM 22K 1/6W 5 |
| R213 | 0RD3000F609 | R,CARBON FILM 300 1/6W 5 |
| R214 | 0RD3000F609 | R,CARBON FILM 300 1/6W 5 |
| R215 | 0RD3000F609 | R,CARBON FILM 300 1/6W 5 |
| R216 | 0RD4700F609 | R,CARBON FILM 470 1/6W 5 |
| R217 | 0RD4700F609 | R,CARBON FILM 470 1/6W 5 |
| R218 | 0RD4700F609 | R,CARBON FILM 470 1/6W 5 |
| R219 | 0RD4700F609 | R,CARBON FILM 470 1/6W 5 |
| R220 | 0RD1001F609 | R,CARBON FILM 1.0K 1/6W 5 |
| R221 | 0RD1001F609 | R,CARBON FILM 1.0K 1/6W 5 |
| R222 | 0RD0752F609 | R,CARBON FILM 75 1/6W 5 |
| R224 | 0RD2001F609 | R,CARBON FILM 2.0K 1/6W 5 |
| R225 | 0RD4700F609 | R,CARBON FILM 470 1/6W 5 |
| R226 | 0RD1201F609 | R,CARBON FILM 1.2K 1/6W 5 |
| R227 | 0RD2001F609 | R,CARBON FILM 2.0K 1/6W 5 |
| R228 | 0RD0562F609 | R,CARBON FILM 56 1/6W 5 |
| R229 | 0RD3900F609 | R,CARBON FILM 390 1/6W 5 |
| R230 | 0RD3301F609 | R,CARBON FILM 3.3K 1/6W 5 |
| R231 | 0RD6801F609 | R,CARBON FILM 6.8K 1/6W 5 |
| R232 | 0RD2200F609 | R,CARBON FILM 220 1/6W 5 |
| R26 | 0RD1001F609 | R,CARBON FILM 1.0K 1/6W 5 |
| R27 | 0RD4701F609 | R,CARBON FILM 4.7K 1/6W 5 |
| R29 | 0RD6802F609 | R,CARBON FILM 68K 1/6W 5 |
| R30 | 0RD1001F609 | R,CARBON FILM 1.0K 1/6W 5 |
| R301 | 0RD6200F609 | R,CARBON FILM 620 1/6W 5 |
| R302 | 0RD8200H609 | R,CARBON FILM 820 1/2W 5 |
| R303 | 0RD1203F609 | R,CARBON FILM 120K 1/6W 5 |
| "(21") | 0RD9102F609 | R,CARBON FILM 91K 1/6W 5 |
| R304 | 0RD3000F609 | R,CARBON FILM 300 1/6W 5 |
| "(21") | 0RD3600F609 | R,CARBON FILM 360 1/6W 5 |
| R305 | 0RD4700F609 | R,CARBON FILM 470 1/6W 5 |
| R306 | 0RD3002F609 | R,CARBON FILM 30K 1/6W 5 |
| R307 | 0RN2402F409 | R,METAL FILM 24K 1/6W 1% TA52 |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| R308 | 0RD1101F609 | R,CARBON FILM 1.1K 1/6W 5 |
| "(21") | 0RD8200F609 | R,CARBON FILM 820 1/6W 5 |
| R309 | 0RN1202F609 | R,METAL FILM 12K 1/6W 5 |
| R31 | 0RD1201F609 | R,CARBON FILM 1.2K 1/6W 5 |
| R310 | 0RS3300J607 | R,METAL FILM OXIDE 330 1W 5% |
| R311 | 0RD0221H609 | R,CARBON FILM 2.2 1/2W 5 |
| R312 | 0RD3902F609 | R,CARBON FILM 39K 1/6W 5 |
| R313 | 0RD4702F609 | R,CARBON FILM 47K 1/6W 5 |
| R314 | 0RD2002F609 | R,CARBON FILM 20K 1/6W 5 |
| R315 | 0RD4701H609 | R,CARBON FILM 4.7K 1/2W 5 |
| R316 | 0RD1002F609 | R,CARBON FILM 10K 1/6W 5 |
| R317 | 0RD0471H609 | R,CARBON FILM 4.7 1/2W 5 |
| R32 | 0RD3002F609 | R,CARBON FILM 30K 1/6W 5 |
| R33 | 0RD4702F609 | R,CARBON FILM 47K 1/6W 5 |
| R34 | 0RD1002F609 | R,CARBON FILM 10K 1/6W 5 |
| R35 | 0RD2200F609 | R,CARBON FILM 220 1/6W 5 |
| R36 | 0RD4701F609 | R,CARBON FILM 4.7K 1/6W 5 |
| R37 | 0RD4701F609 | R,CARBON FILM 4.7K 1/6W 5 |
| R38 | 0RD4701F609 | R,CARBON FILM 4.7K 1/6W 5 |
| R39 | 0RD3301F609 | R,CARBON FILM 3.3K 1/6W 5 |
| R40 | 0RD1002F609 | R,CARBON FILM 10K 1/6W 5 |
| R410 | 0RD3903H609 | R,METAL FILM OXIDE 390K 1/2W 5 TA52 |
| R411 | 180-B01W | R,RS RECT 5W 4.3K J DOUBLE |
| R412 | 0RD1202F609 | R,CARBON FILM 12K 1/6W 5 |
| R413 | 0RS3901J607 | R,METAL FILM OXIDE 3.90K 1W 5% TA62 |
| R414 | 0RD2701H609 | R,CARBON FILM 2.7K 1/2W 5 |
| R416 | 0RD2702F609 | R,CARBON FILM 27K 1/6W 5 |
| R417 | 0RD1000F609 | R,CARBON FILM 100 1/6W 5 |
| R421 | 0RS1802K607 | R,METAL FILM OXIDE 18K 2W 5% |
| R422 | 0RD9102H609 | R,CARBON FILM 91K 1/2W 5 |
| "(21") | 0RD7502H609 | R,CARBON FILM 75K 1/2W 5 |
| R423 | 0RD8202H609 | R,CARBON FILM 82K 1/2W 5 |
| R424 | 0RD1002F609 | R,CARBON FILM 10K 1/6W 5 |
| R425 | 0RS1002K607 | R,METAL FILM OXIDE 10K 2W 5% |
| R426 | 0RD0392H609 | R,CARBON FILM 39 1/2W 5 |
| R430 | 0RS0681K607 | R,METAL FILM OXIDE 6.8 2W 5% |
| R45 | 0RD1002F609 | R,CARBON FILM 10K 1/6W 5 |
| R48 | 0RD1002F609 | R,CARBON FILM 10K 1/6W 5 |
| R49 | 0RD4701F609 | R,CARBON FILM 4.7K 1/6W 5 |
| R50 | 0RD1003F609 | R,CARBON FILM 100K 1/6W 5 |
| R501 | 0RD1001F609 | R,CARBON FILM 1.0K 1/6W 5 |
| R502 | 0RD1002F609 | R,CARBON FILM 10K 1/6W 5 |
| R503 | 0RN3903F609 | R,METAL FILM OXIDE 390K 1/6W 5% TA52 |
| R504 | 0RD1000F609 | R,CARBON FILM 100 1/6W 5 |
| R505 | 0RD1501F609 | R,CARBON FILM 1.5K 1/6W 5 |
| R506 | 0RD3300F609 | R,CARBON FILM 330 1/6W 5 |
| R508 | 0RD1001F609 | R,CARBON FILM 1.0K 1/6W 5 |
| R509 | 0RD1001F609 | R,CARBON FILM 1.0K 1/6W 5 |
| R510 | 0RD1001F609 | R,CARBON FILM 1.0K 1/6W 5 |
| R511 | 0RD1001F609 | R,CARBON FILM 1.0K 1/6W 5 |
| R512 | 0RD1002F609 | R,CARBON FILM 10K 1/6W 5 |
| R514 | 0RD1001F609 | R,CARBON FILM 1.0K 1/6W 5 |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| R515 | 0RD4702F609 | R,CARBON FILM 47K 1/6W 5 |
| R516 | 0RD2002F609 | R,CARBON FILM 20K 1/6W 5 |
| R517 | 0RD2701F609 | R,CARBON FILM 2.7K 1/6W 5 |
| R518 | 0RD1201F609 | R,CARBON FILM 1.2K 1/6W 5 |
| R519 | 0RD1203F609 | R,CARBON FILM 120K 1/6W 5 |
| R520 | 0RD2403F609 | R,CARBON FILM 240K 1/6W 5 |
| R521 | 0RD2001F609 | R,CARBON FILM 2.0K 1/6W 5 |
| R522 | 0RD1202F609 | R,CARBON FILM 12K 1/6W 5 |
| R523 | 0RD1003F609 | R,CARBON FILM 100K 1/6W 5 |
| R524 | 0RD1002F609 | R,CARBON FILM 10K 1/6W 5 |
| R525 | 0RD1000F609 | R,CARBON FILM 100 1/6W 5 |
| R526 | 0RD1502F609 | R,CARBON FILM 15K 1/6W 5 |
| R527 | 0RD8203F609 | R,CARBON FILM 820K 1/6W 5 |
| "(21") | 0RD6203F609 | R,CARBON FILM 620K 1/6W 5 |
| R528 | 0RD1002F609 | R,CARBON FILM 10K 1/6W 5 |
| R535 | 0RD8200F609 | R,CARBON FILM 820 1/6W 5 |
| R536 | 0RD2002F609 | R,CARBON FILM 20K 1/6W 5 |
| R538 | 0RD7500F609 | R,CARBON FILM 750 1/6W 5 |
| R54 | 0RD1002F609 | R,CARBON FILM 10K 1/6W 5 |
| R540 | 0RD5600F609 | R,CARBON FILM 560 1/6W 5 |
| R541 | 0RD5600F609 | R,CARBON FILM 560 1/6W 5 |
| R542 | 0RD5600F609 | R,CARBON FILM 560 1/6W 5 |
| R543 | 0RD6803F609 | R,CARBON FILM 680K 1/6W 5 |
| R544 | 0RD2401F609 | R,CARBON FILM 2.4K 1/6W 5 |
| R545 | 0RD2401F609 | R,CARBON FILM 2.4K 1/6W 5 |
| R546 | 0RD2401F609 | R,CARBON FILM 2.4K 1/6W 5 |
| R547 | 0RD1000F609 | R,CARBON FILM 100 1/6W 5 |
| R548 | 0RD3301F609 | R,CARBON FILM 3.3K 1/6W 5 |
| R549 | 0RD2401F609 | R,CARBON FILM 2.4K 1/6W 5 |
| R551 | 0RD1200F609 | R,CARBON FILM 120 1/6W 5 |
| R56 | 0RD1000F609 | R,CARBON FILM 100 1/6W 5 |
| R561 | 0RD1003F609 | R,CARBON FILM 100K 1/6W 5 |
| R562 | 0RD1203F609 | R,CARBON FILM 120K 1/6W 5 |
| R57 | 0RD1002F609 | R,CARBON FILM 10K 1/6W 5 |
| R573 | 0RD3901F609 | R,CARBON FILM 3.9K 1/6W 5 |
| R574 | 0RD3901F609 | R,CARBON FILM 3.9K 1/6W 5 |
| R575 | 0RD3901F609 | R,CARBON FILM 3.9K 1/6W 5 |
| R576 | 0RD2001F609 | R,CARBON FILM 2.0K 1/6W 5 |
| R577 | 0RD2001F609 | R,CARBON FILM 2.0K 1/6W 5 |
| R578 | 0RD2001F609 | R,CARBON FILM 2.0K 1/6W 5 |
| R58 | 0RD1000F609 | R,CARBON FILM 100 1/6W 5 |
| R59 | 0RD1002F609 | R,CARBON FILM 10K 1/6W 5 |
| R60 | 0RD1002F609 | R,CARBON FILM 10K 1/6W 5 |
| R601 | 0RD1201F609 | R,CARBON FILM 1.2K 1/6W 5 |
| R602 | 0RD0221H609 | R,CARBON FILM 2.2 1/2W 5 |
| R603 | 0RD9102F609 | R,CARBON FILM 91K 1/6W 5 |
| R604 | 0RD1003F609 | R,CARBON FILM 100K 1/6W 5 |
| R605 | 0RD1003F609 | R,CARBON FILM 100K 1/6W 5 |
| R606 | 0RD6201F609 | R,CARBON FILM 6.2K 1/6W 5 |
| R607 | 0RD1003F609 | R,CARBON FILM 100K 1/6W 5 |
| R608 | 0RD1001F609 | R,CARBON FILM 1.0K 1/6W 5 |
| R609 | 0RD2001F609 | R,CARBON FILM 2.0K 1/6W 5 |

The components identified by shading and mark ⚠ are critical for safety.
Replace only with part number specified.

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| R61 | 0RD1000F609 | R,CARBON FILM 100 1/6W 5 |
| R610 | 0RD8201F609 | R,CARBON FILM 8.2K 1/6W 5 |
| R611 | 0RD2001F609 | R,CARBON FILM 2.0K 1/6W 5 |
| R62 | 0RD1000F609 | R,CARBON FILM 100 1/6W 5 |
| R63 | 0RD1002F609 | R,CARBON FILM 10K 1/6W 5 |
| R64 | 0RD1000F609 | R,CARBON FILM 100 1/6W 5 |
| R65 | 0RD2200F609 | R,CARBON FILM 220 1/6W 5 |
| R650 | 0RD1001F609 | R,CARBON FILM 1.0K 1/6W 5 |
| R651 | 0RD1001F609 | R,CARBON FILM 1.0K 1/6W 5 |
| R653 | 0RD6801F609 | R,CARBON FILM 6.8K 1/6W 5 |
| R654 | 0RD1501F609 | R,CARBON FILM 1.5K 1/6W 5 |
| R655 | 0RD0752F609 | R,CARBON FILM 75 1/6W 5 |
| R656 | 0RD8202F609 | R,CARBON FILM 82K 1/6W 5 |
| R657 | 0RD1003F609 | R,CARBON FILM 100K 1/6W 5 |
| R658 | 0RD1000F609 | R,CARBON FILM 100 1/6W 5 |
| R66 | 0RD2200F609 | R,CARBON FILM 220 1/6W 5 |
| R665 | 0RD1501F609 | R,CARBON FILM 1.5K 1/6W 5 |
| R669 | 0RD4700F609 | R,CARBON FILM 470 1/6W 5 |
| R67 | 0RD2200F609 | R,CARBON FILM 220 1/6W 5 |
| R670 | 0RD3301F609 | R,CARBON FILM 3.3K 1/6W 5 |
| R671 | 0RD1500F609 | R,CARBON FILM 150 1/6W 5 |
| R672 | 0RD4700F609 | R,CARBON FILM 470 1/6W 5 |
| R673 | 0RD4700F609 | R,CARBON FILM 470 1/6W 5 |
| R674 | 0RD1501F609 | R,CARBON FILM 1.5K 1/6W 5 |
| R675 | 0RD1500F609 | R,CARBON FILM 150 1/6W 5 |
| R676 | 0RD9101F609 | R,CARBON FILM 9.1K 1/6W 5 |
| R677 | 0RD2200F609 | R,CARBON FILM 220 1/6W 5 |
| R68 | 0RD2200F609 | R,CARBON FILM 220 1/6W 5 |
| R71 | 0RD1002F609 | R,CARBON FILM 10K 1/6W 5 |
| R72 | 0RD1001F609 | R,CARBON FILM 1.0K 1/6W 5 |
| R73 | 0RD1202F609 | R,CARBON FILM 12K 1/6W 5 |
| R74 | 0RD1202F609 | R,CARBON FILM 12K 1/6W 5 |
| R75 | 0RD1202F609 | R,CARBON FILM 12K 1/6W 5 |
| R77 | 0RD2200F609 | R,CARBON FILM 220 1/6W 5 |
| R79 | 0RD1000F609 | R,CARBON FILM 100 1/6W 5 |
| R80 | 0RD1000F609 | R,CARBON FILM 100 1/6W 5 |
| R803 | 0RD3302F609 | R,CARBON FILM 33K 1/6W 5 |
| R804 | 0RD3302F609 | R,CARBON FILM 33K 1/6W 5 |
| R805 | 0RD2001F609 | R,CARBON FILM 2.0K 1/6W 5 |
| R806 | 0RD0102F609 | R,CARBON FILM 10 1/6W 5 |
| R81 | 0RD3301F609 | R,CARBON FILM 3.3K 1/6W 5 |
| ⚠ R811 | 180-C02H | R,CARBON COMPOSIT RC 1/2W 8.2M K |
| R814 | 0RD9100F609 | R,CARBON FILM 910 1/6W 5 |
| R817 | 0RD3001H609 | R,CARBON FILM 3.0K 1/2W 5 TA52 |
| R818 | 0RD3902H609 | R,CARBON FILM 39K 1/2W 5 |
| R819 | 0RD1601F609 | R,CARBON FILM 1.6K 1/6W 5 |
| R82 | 0RD2200F609 | R,CARBON FILM 220 1/6W 5 |
| R820 | 0RD1001F609 | R,CARBON FILM 1.0K 1/6W 5 |
| R821 | 180-A03Q | R,RW RECT G 7W 1.0 J DOUBLE(SP) |
| R822 | 0RD1000H609 | R,CARBON FILM 100 1/2W 5 |
| R823 | 0RD5601H609 | R,CARBON FILM 5.6K 1/2W 5 |
| R824 | 0RS0182J607 | R,METAL FILM OXIDE 18 1W 5% TA62 |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| R825 | 180-A01E | R,RW ROUND G 2W 0.33 J |
| R827 | 0RS2202K607 | R,METAL FILM OXIDE 22K 2W 5% |
| R828 | 0RN0680H609 | R,METAL FILM 0.68 1/2W 5 |
| R829 | 0RS2202K607 | R,METAL FILM OXIDE 22K 2W 5% |
| R83 | 0RD1801F609 | R,CARBON FILM 1.8K 1/6W 5 |
| R830 | 0RS0152H609 | R,METAL FILM OXIDE 15 1/2W 5 |
| R84 | 0RD4701F609 | R,CARBON FILM 4.7K 1/6W 5 |
| R85 | 0RD4701F609 | R,CARBON FILM 4.7K 1/6W 5 |
| R86 | 0RD4701F609 | R,CARBON FILM 4.7K 1/6W 5 |
| R901 | 0RD1000F609 | R,CARBON FILM 100 1/6W 5 |
| R902 | 0RD1000F609 | R,CARBON FILM 100 1/6W 5 |
| R903 | 0RD1000F609 | R,CARBON FILM 100 1/6W 5 |
| R904 | 0RS1202K607 | R,METAL FILM OXIDE 12K 2W 5% |
| R905 | 0RS1002K607 | R,METAL FILM OXIDE 10K 2W 5% |
| R906 | 0RS1202K607 | R,METAL FILM OXIDE 12K 2W 5% |
| R907 | 0RD2701H609 | R,CARBON FILM 2.7K 1/2W 5 |
| R908 | 0RD2701H609 | R,CARBON FILM 2.7K 1/2W 5 |
| R909 | 0RD2701H609 | R,CARBON FILM 2.7K 1/2W 5 |
| R910 | 0RD1801F609 | R,CARBON FILM 1.8K 1/6W 5 |
| R911 | 0RD1801F609 | R,CARBON FILM 1.8K 1/6W 5 |
| R912 | 0RD1801F609 | R,CARBON FILM 1.8K 1/6W 5 |
| R913 | 0RD3000F609 | R,CARBON FILM 300 1/6W 5 |
| R914 | 0RD3900F609 | R,CARBON FILM 390 1/6W 5 |
| R915 | 0RD3000F609 | R,CARBON FILM 300 1/6W 5 |
| R916 | 0RD1800F609 | R,CARBON FILM 180 1/6W 5 |
| R917 | 0RD1000F609 | R,CARBON FILM 100 1/6W 5 |
| R921 | 0RD0562F609 | R,CARBON FILM 56 1/6W 5 |
| R922 | 0RD0562F609 | R,CARBON FILM 56 1/6W 5 |
| R923 | 0RD0562F609 | R,CARBON FILM 56 1/6W 5 |
| R930 | 0RD1004H609 | R,CARBON FILM 1.0MF 1/2W 5 |
| VR301 | 180-F03A | R,SEMI-FIX(H) EVN-DJAA03 B201 |
| VR302 | 180-F03H | R,SEMI-FIX(H) EVN-DJAA03 B103 |
| VR501 | 180-F03G | R,SEMI-FIX(H) EVN-DJAA03 B502 |
| VR502 | 180-F03H | R,SEMI-FIX(H) EVN-DJAA03 B103 |
| VR901 | 180-F03G | R,SEMI-FIX(H) EVN-DJAA03 B502 |
| VR902 | 180-F03G | R,SEMI-FIX(H) EVN-DJAA03 B502 |
| VR903 | 180-F03G | R,SEMI-FIX(H) EVN-DJAA03 B502 |
| VR904 | 180-F03C | R,SEMI FIX(H) EVN-DJAA03 B501 |
| VR905 | 180-F03C | R,SEMI FIX(H) EVN-DJAA03 B501 |
| **SWITCH** | | |
| SW01 | 140-315A | SWITCH,TACT VERT |
| SW02 | 140-315A | SWITCH,TACT VERT |
| SW03 | 140-315A | SWITCH,TACT VERT |
| SW04 | 140-315A | SWITCH,TACT VERT |
| SW05 | 140-315A | SWITCH,TACT VERT |
| SW06 | 140-315A | SWITCH,TACT VERT |
| ⚠ SW801 | 140-343A | SWITCH,70063-001(TV5/120A/250V) |
| **FILTER & CRYSTAL** | | |
| X01 | 156-A01U | CRYSTAL,3.6 15PF 90 OHM BULK |
| X501 | 156-A01B | CRYSTAL,3.579545 16PF 90 OHM |

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| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| X502 | 156-A01H | CRYSTAL,4.433619 16PF 80 OHM BULK |
| X650 | 166-E03A | FILTER,RESO CSB500E25 500 |
| Z101 | 166-A01Z | FILTER(CIRC),SAW OFWK2973M 38MHZ . |
| Z650 | 166-B02D | FILTER,B.P FILTER SFSH6.0MCB-TF21 |
| Z652 | 166-B02E | FILTER,B.P FILTER SFSH6.5MCB-TF21 |
| Z653 | 166-B02D | FILTER,B.P FILTER SFSH6.0MCB-TF21 |
| Z654 | 166-B02C | FILTER,B.P FILTER SFSH5.5MCB-TF21 |
| Z655 | 166-C02C | FILTER,TRAP TPS5.5MB-TF21 |
| Z656 | 166-C02E | FILTER,TRAP TPS6.5MB-TF21 |
| Z657 | 166-C02D | FILTER,TRAP TPS6.0MB-TF21 |
| **SOUND AMP PCB PARTS** | | |
| C1601 | 0CE477DF618 | C,ELECTROLYTIC 470UF STD 16V M |
| C1602 | 0CE477DF618 | C,ELECTROLYTIC 470UF STD 16V M |
| C1603 | 0CQ1041N509 | C,POLYESTER(MYLAR) 0.1MF 100V L |
| C1604 | 0CE227DH618 | C,ELECTROLYTIC 220UF STD 25V M |
| C1605 | 0CQ1031N509 | C,POLYESTER(MYLAR) 0.01U 100V K |
| C1606 | 0CE108DJ618 | C,ELECTROLYTIC 1000UF STD 35V M |
| C1607 | 0CQ1041N509 | C,POLYESTER(MYLAR) 0.1MF 100V L |
| C1608 | 0CE227DF618 | C,ELECTROLYTIC 220UF STD 16V M |
| C1610 | 0CE226DF618 | C,ELECTROLYTIC 22UF STD 16V M |
| C1614 | 0CE227DF618 | C,ELECTROLYTIC 220UF STD 16V M |
| C1615 | 0CE475DK618 | C,ELECTROLYTIC 4.7UF STD 50V M |
| D1601 | 0DD414809ED | DIODE,DS4148 |
| D1602 | 0DD414809ED | DIODE,DS4148 |
| D1603 | 0DD414809ED | DIODE,DS4148 |
| IC1004 | 0IKE455800E | IC,KIA4558 8DIP DUAL OP AMP |
| IC1006 | 0IKE781200C | IC,KIA7812PI 3P(TO-220IS) 12V,1A |
| L1003 | 0LA0102K119 | INDUCTOR 10UH K |
| Q1001 | 0TR319809AA | TR,KTC3198-TP-Y (KTC1815)KEC |
| Q1003 | 0TR319809AA | TR,KTC3198-TP-Y (KTC1815)KEC |
| R1001 | 0RD1002F609 | R,CARBON FILM 10K 1/6W 5 |
| R1002 | 0RD1502F609 | R,CARBON FILM 15K 1/6W 5 |
| R1003 | 0RD4703F609 | R,CARBON FILM 470K 1/6W 5 |
| R1005 | 0RD1201F609 | R,CARBON FILM 1.2K 1/6W 5 |
| R1007 | 0RD1002F609 | R,CARBON FILM 10K 1/6W 5 |
| R1009 | 0RD3902F609 | R,CARBON FILM 39K 1/6W 5 |
| R1010 | 0RD4702F609 | R,CARBON FILM 47K 1/6W 5 |
| R1013 | 0RD1502F609 | R,CARBON FILM 15K 1/6W 5 |
| R1015 | 0RD1003F609 | R,CARBON FILM 100K 1/6W 5 |
| R1016 | 0RD0102F609 | R,CARBON FILM 10 1/6W 5 |
| R1056 | 0RD4702F609 | R,CARBON FILM 47K 1/6W 5 |
| R1069 | 0RS0222H609 | R,METAL FILM OXIDE 22 1/2W 5 |
| R1601 | 0RD2401F609 | R,CARBON FILM 2.4K 1/6W 5 |
| R1603 | 0RD0221H609 | R,CARBON FILM 2.2 1/2W 5 |
| R1604 | 0RF0470K607 | R,FUSIBLE 0.47 2W 5% |
| R1605 | 0RD0332F609 | R,CARBON FILM 33 1/6W 5 |
| R1606 | 0RD0221H609 | R,CARBON FILM 2.2 1/2W 5 |
| R1607 | 0RD0332F609 | R,CARBON FILM 33 1/6W 5 |
| R1608 | 0RD1301F609 | R,CARBON FILM 1.3K 1/6W 5 |
| R1609 | 0RD1301F609 | R,CARBON FILM 1.3K 1/6W 5 |
| R1611 | 0RD3002F609 | R,CARBON FILM 30K 1/6W 5 |

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| R1612 | 0RD1002F609 | R,CARBON FILM 10K 1/6W 5 |
| R1613 | 0RS3301H609 | R,METAL FILM OXIDE 3.3K 1/2W 5 |
| R1614 | 0RS3301H609 | R,METAL FILM OXIDE 3.3K 1/2W 5 |
| **TELETEXT PARTS** | | |
| C01T | 0CN1030F679 | C,TUBULA(HIGH DIELE) 0.01MF 16V M |
| C02T | 0CE104DK618 | C,ELECTROLYTIC 0.1UF STD 50V M |
| C03T | 0CN1030F679 | C,TUBULA(HIGH DIELE) 0.01MF 16V M |
| C04T | 0CE107DD618 | C,ELECTROLYTIC 100UF STD 10V M |
| C05T | 0CE476DF618 | C,ELECTROLYTIC 47UF STD 16V M |
| C06T | 0CN1020K519 | C,TUBULA(HIGH DIELE) 1000PF 50V K |
| C07T | 0CE104DK618 | C,ELECTROLYTIC 0.1UF STD 50V M |
| C09T | 0CX4700K409 | C,TUBULA(T.C) 47PF 50V J |
| C10T | 0CE335DK618 | C,ELECTROLYTIC 3.3UF STD 50V M |
| C11T | 0CN2210K519 | C,TUBULA(HIGH DIELE) 220PF 50V K |
| C12T | 0CN1030F679 | C,TUBULA(HIGH DIELE) 0.01MF 16V M |
| C13T | 0CC1500K415 | C,CERAMIC(TEMP COMP) 15P 50V J |
| C14T | 0CC1500K415 | C,CERAMIC(TEMP COMP) 15P 50V J |
| C15T | 0CN2210K519 | C,TUBULA(HIGH DIELE) 220PF 50V K |
| C16T | 0CN1030F679 | C,TUBULA(HIGH DIELE) 0.01MF 16V M |
| C21T | 0CE107DD618 | C,ELECTROLYTIC 100UF STD 10V M |
| IC01T | 0ITI702000A | IC,CF70200NW 28D 8P-EURO TXT DECO |
| IC02T | 0ITI723060A | IC,CF72306 20D TXT DATA SLICER |
| IC03T | 0IKE704200B | IC,KIA7042P 3P 4.2V RESET |
| IC04T | 0IKE780500K | IC,KIA7805PI 3P(TO-220IS) 5V,1A |
| L01T | 0LA0102K119 | INDUCTOR 10UH K |
| L02T | 0LA0102K119 | INDUCTOR 10UH K |
| L03T | 0LA0331K119 | INDUCTOR 3.3UH K 2.3*3.4 TP |
| Q01T | 0TR319809AA | TR,KTC3198-TP-Y (KTC1815)KEC |
| Q03T | 0TR126609AA | TR,KTA1266-TP-Y (KTA1015) KEC |
| R01T | 0RD1000F609 | R,CARBON FILM 100 1/6W 5 |
| R02T | 0RD1000F609 | R,CARBON FILM 100 1/6W 5 |
| R03T | 0RD1001F609 | R,CARBON FILM 1.0K 1/6W 5 |
| R04T | 0RD1001F609 | R,CARBON FILM 1.0K 1/6W 5 |
| R05T | 0RD1001F609 | R,CARBON FILM 1.0K 1/6W 5 |
| R06T | 0RD1001F609 | R,CARBON FILM 1.0K 1/6W 5 |
| R07T | 0RD5602F609 | R,CARBON FILM 56K 1/6W 5 |
| R10T | 0RD1501F609 | R,CARBON FILM 1.5K 1/6W 5 |
| R11T | 0RD3300F609 | R,CARBON FILM 330 1/6W 5 |
| R12T | 0RD0681F609 | R,CARBON FILM 6.8 1/6W 5 |
| R13T | 0RD6801F609 | R,CARBON FILM 6.8K 1/6W 5 |
| R15T | 0RD1002F609 | R,CARBON FILM 10K 1/6W 5 |
| R16T | 0RD1002F609 | R,CARBON FILM 10K 1/6W 5 |
| R17T | 0RD0221H609 | R,CARBON FILM 2.2 1/2W 5 |
| R18T | 0RD1001F609 | R,CARBON FILM 1.0K 1/6W 5 |
| R19T | 0RD1503F609 | R,CARBON FILM 150K 1/6W 5 |
| R20T | 0RD7501F609 | R,CARBON FILM 7.5K 1/6W 5 |
| R21T | 0RD1000F609 | R,CARBON FILM 100 1/6W 5 |
| R22T | 0RD1000F609 | R,CARBON FILM 100 1/6W 5 |
| X01T | 156-A02D | CRYSTAL 13.875000 16PF 30 OHM BULK |
| **MISCELLANEOUS** | | |

The components identified by shading and mark ⚠ are critical for safety.
Replace only with part number specified.

| LOCA. NO | PART NO | DESCRIPTION |
|---|---|---|
| | 132-199C | ANTENNA,ROD.(W/ADAPTER L=500) |
| | 132-199D | ANTENNA,ROD(W/ADAPTER L=650) |
| | 351-008A | LINK,POWER S/W |
| | 3828VA0162A | MANUAL,OWNERS,MC64A.LG RM 04MTX 022A,117W |
| | 6871VSM256A | PWB ASSY,SUB ,CPT ASSY |
| ⚠ F801 | 131-098B | FUSE 4A/250V HBC TIME DELAY 5X20 |
| PA01 | 106-047F | PRE-AMP,SBX1940-72(38.0KHZ) MESH |
| PJ201 | 381-091A | SOCKET,SCART JACK 21PIN |
| ⚠ P901 | 381-226D | SOCKET,CPT PCS628-01S/LESS BULK(NO5) |
| ⚠ TH801 | 163-012C | THERMISTOR J502P54E180M220 |
| TU181 | 113-238H | TUNER TUKG4-C07M |
| ⚠ T401 | 6174Z-8004A | FBT FTSPN12-T8004A 20" |
| " | 6174Z-8004B | FBT FTSPN12-T8004B 21" |
| VD801 | 164-003D | VARISTOR,SVC 561D-14A |

| | | | |
|---|---|---|---|
| C11 | 0CC1000K11 | 1.05.1998 | Capacitor,Ceramic,Radial |
| C523 | 0CC1300K41 | 19.03.1998 | Capacitor,Ceramic,Radial |
| C524 | 0CC1300K41 | 19.03.1998 | Capacitor,Ceramic,Radial |
| C10 | 0CC1500K41 | 1.05.1998 | Capacitor,Ceramic,Radial |
| C14T | 0CC1500K41 | 25.03.1998 | Capacitor,Ceramic,Radial |
| C13T | 0CC1500K41 | 25.03.1998 | Capacitor,Ceramic,Radial |
| C08 | 0CC2200K41 | 1.05.1998 | Capacitor,Ceramic,Radial |
| C09 | 0CC2200K41 | 1.05.1998 | Capacitor,Ceramic,Radial |
| C653 | 0CC3910K40 | 19.03.1998 | Capacitor,Ceramic,Radial |
| C303 | 0CC5600K41 | 19.03.1998 | Capacitor,Ceramic,Radial |
| C02T | 0CE104DK61 | 25.03.1998 | Capacitor,AL,Radial |
| C07T | 0CE104DK61 | 25.03.1998 | Capacitor,AL,Radial |
| C528 | 0CE105DK61 | 19.03.1998 | Capacitor,AL,Radial |
| C408 | 0CE105DP61 | 19.03.1998 | Capacitor,AL,Radial |
| C418 | 0CE1061R61 | 26.03.1998 | Capacitor,AL,Radial |
| C186 | 0CE106DF61 | 19.03.1998 | Capacitor,AL,Radial |
| C536 | 0CE106DF61 | 19.03.1998 | Capacitor,AL,Radial |
| C535 | 0CE106DF61 | 19.03.1998 | Capacitor,AL,Radial |
| C512 | 0CE106DF61 | 19.03.1998 | Capacitor,AL,Radial |
| C505 | 0CE106DF61 | 19.03.1998 | Capacitor,AL,Radial |
| C226 | 0CE106DF61 | 19.03.1998 | Capacitor,AL,Radial |
| C224 | 0CE106DF61 | 19.03.1998 | Capacitor,AL,Radial |
| C221 | 0CE106DF61 | 19.03.1998 | Capacitor,AL,Radial |
| C206 | 0CE106DF61 | 25.03.1998 | Capacitor,AL,Radial |
| C207 | 0CE106DF61 | 25.03.1998 | Capacitor,AL,Radial |
| C208 | 0CE106DF61 | 25.03.1998 | Capacitor,AL,Radial |
| C220 | 0CE106DF61 | 19.03.1998 | Capacitor,AL,Radial |
| C209 | 0CE106DF61 | 25.03.1998 | Capacitor,AL,Radial |
| C205 | 0CE106DF61 | 25.03.1998 | Capacitor,AL,Radial |
| C204 | 0CE106DF61 | 25.03.1998 | Capacitor,AL,Radial |
| C827 | 0CE1071P65( | 19.03.1998 | Capacitor,AL,Radial |
| C04T | 0CE107DD61 | 25.03.1998 | Capacitor,AL,Radial |
| C228 | 0CE107DD61 | 19.03.1998 | Capacitor,AL,Radial |
| C21T | 0CE107DD61 | 25.03.1998 | Capacitor,AL,Radial |
| C18 | 0CE107DD61 | 19.03.1998 | Capacitor,AL,Radial |
| C188 | 0CE107DF61 | 19.03.1998 | Capacitor,AL,Radial |
| C223 | 0CE107DF61 | 19.03.1998 | Capacitor,AL,Radial |
| C509 | 0CE107DF61 | 19.03.1998 | Capacitor,AL,Radial |
| C314 | 0CE108DH61 | 26.03.1998 | Capacitor,AL,Radial |
| C412 | 0CE108DJ61 | 20.04.1998 | Capacitor,AL,Radial |
| C601 | 0CE108DJ61 | 26.03.1998 | Capacitor,AL,Radial |
| C404 | 0CE225DK61 | 19.03.1998 | Capacitor,AL,Radial |
| C538 | 0CE225DK61 | 19.03.1998 | Capacitor,AL,Radial |
| C605 | 0CE225DK61 | 19.03.1998 | Capacitor,AL,Radial |
| C533 | 0CE225DK61 | 19.03.1998 | Capacitor,AL,Radial |
| C930 | 0CE225DR61 | 19.03.1998 | Capacitor,AL,Radial |
| C219 | 0CE226DF61 | 19.03.1998 | Capacitor,AL,Radial |
| C610 | 0CE226DK61 | 19.03.1998 | Capacitor,AL,Radial |
| C218 | 0CE227DD61 | 19.03.1998 | Capacitor,AL,Radial |
| C840 | 0CE227DD61 | 19.03.1998 | Capacitor,AL,Radial |
| C430 | 0CE227DD61 | 19.03.1998 | Capacitor,AL,Radial |
| C203 | 0CE227DF61 | 19.03.1998 | Capacitor,AL,Radial |
| C403 | 0CE227DF61 | 19.03.1998 | Capacitor,AL,Radial |
| C305 | 0CE227DJ61 | 19.03.1998 | Capacitor,AL,Radial |

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|---|---|---|---|
| C820 | 0CE227DJ618 | 19.03.1998 | Capacitor,AL,Radial |
| C825 | 0CE227DJ618 | 19.03.1998 | Capacitor,AL,Radial |
| C814 | 0CE227DP65 | 19.03.1998 | Capacitor,AL,Radial |
| C10T | 0CE335DK61 | 25.03.1998 | Capacitor,AL,Radial |
| C13 | 0CE335DK61 | 19.03.1998 | Capacitor,AL,Radial |
| C210 | 0CE336DF61 | 25.03.1998 | Capacitor,AL,Radial |
| C519 | 0CE336DF61 | 19.03.1998 | Capacitor,AL,Radial |
| C606 | 0CE336DK61 | 19.03.1998 | Capacitor,AL,Radial |
| C187 | 0CE337DF61 | 19.03.1998 | Capacitor,AL,Radial |
| C414 | 0CE337DH61 | 19.03.1998 | Capacitor,AL,Radial |
| C14 | 0CE475DK61 | 19.03.1998 | Capacitor,AL,Radial |
| C824 | 0CE475DK61 | 19.03.1998 | Capacitor,AL,Radial |
| C811 | 0CE475DK61 | 19.03.1998 | Capacitor,AL,Radial |
| C609 | 0CE475DK61 | 19.03.1998 | Capacitor,AL,Radial |
| C608 | 0CE475DK61 | 19.03.1998 | Capacitor,AL,Radial |
| C520 | 0CE475DK61 | 19.03.1998 | Capacitor,AL,Radial |
| C416 | 0CE475DK61 | 19.03.1998 | Capacitor,AL,Radial |
| C182 | 0CE475DK61 | 19.03.1998 | Capacitor,AL,Radial |
| C185 | 0CE475DK61 | 19.03.1998 | Capacitor,AL,Radial |
| C181 | 0CE475DK61 | 19.03.1998 | Capacitor,AL,Radial |
| C407 | 0CE475DP61 | 19.03.1998 | Capacitor,AL,Radial |
| C05T | 0CE476DF61 | 25.03.1998 | Capacitor,AL,Radial |
| C904 | 0CE476DF61 | 19.03.1998 | Capacitor,AL,Radial |
| C514 | 0CE476DF61 | 19.03.1998 | Capacitor,AL,Radial |
| C526 | 0CE476DF61 | 1.05.1998 | Capacitor,AL,Radial |
| C551 | 0CE476DF61 | 19.03.1998 | Capacitor,AL,Radial |
| C561 | 0CE476DF61 | 19.03.1998 | Capacitor,AL,Radial |
| C518 | 0CE476DF61 | 19.03.1998 | Capacitor,AL,Radial |
| C311 | 0CE476DF61 | 19.03.1998 | Capacitor,AL,Radial |
| C603 | 0CE477DF61 | 19.03.1998 | Capacitor,AL,Radial |
| C830 | 0CE477DF61 | 19.03.1998 | Capacitor,AL,Radial |
| C805 | 0CE477DJ618 | 8.04.1998 | Capacitor,AL,Radial |
| C832 | 0CK10201515 | 19.03.1998 | Capacitor,Ceramic,Radial |
| C834 | 0CK10201515 | 19.03.1998 | Capacitor,Ceramic,Radial |
| C835 | 0CK10201515 | 19.03.1998 | Capacitor,Ceramic,Radial |
| C833 | 0CK10201515 | 19.03.1998 | Capacitor,Ceramic,Radial |
| C813 | 0CK4710151 | 19.03.1998 | Capacitor,Ceramic,Radial |
| C411 | 0CK4710W51 | 19.03.1998 | Capacitor,Ceramic,Radial |
| C819 | 0CK4710W51 | 19.03.1998 | Capacitor,Ceramic,Radial |
| C812 | 0CK4710W51 | 19.03.1998 | Capacitor,Ceramic,Radial |
| C804 | 0CK4710W51 | 19.03.1998 | Capacitor,Ceramic,Radial |
| C413 | 0CK4710W51 | 19.03.1998 | Capacitor,Ceramic,Radial |
| C419 | 0CK4710W51 | 19.03.1998 | Capacitor,Ceramic,Radial |
| C05 | 0CN1010K51 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C21 | 0CN1010K51 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C22 | 0CN1010K51 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C23 | 0CN1010K51 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C06T | 0CN1020K51 | 25.03.1998 | Capacitor,Ceramic,Axial |
| C823 | 0CN1020K51 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C658 | 0CN1020K51 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C650 | 0CN1020K51 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C01 | 0CN1030F67 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C531 | 0CN1030F67 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C503 | 0CN1030F67 | 19.03.1998 | Capacitor,Ceramic,Axial |

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|---|---|---|---|
| C222 | 0CN1030F67 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C189 | 0CN1030F67 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C16T | 0CN1030F67 | 25.03.1998 | Capacitor,Ceramic,Axial |
| C16 | 0CN1030F67 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C12T | 0CN1030F67 | 25.03.1998 | Capacitor,Ceramic,Axial |
| C12 | 0CN1030F67 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C841 | 0CN1030F67 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C666 | 0CN1030F67 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C664 | 0CN1030F67 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C657 | 0CN1030F67 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C652 | 0CN1030F67 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C113 | 0CN1030F67 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C112 | 0CN1030F67 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C111 | 0CN1030F67 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C03T | 0CN1030F67 | 25.03.1998 | Capacitor,Ceramic,Axial |
| C01T | 0CN1030F67 | 25.03.1998 | Capacitor,Ceramic,Axial |
| C180 | 0CN1040K94 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C507 | 0CN1040K94 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C651 | 0CN1510K51 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C906 | 0CN1810K51 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C11T | 0CN2210K51 | 25.03.1998 | Capacitor,Ceramic,Axial |
| C20 | 0CN2210K51 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C15T | 0CN2210K51 | 25.03.1998 | Capacitor,Ceramic,Axial |
| C508 | 0CN2230H94 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C525 | 0CN2230H94 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C537 | 0CN2230H94 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C552 | 0CN2230H94 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C557 | 0CN2230H94 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C06 | 0CN2710K51 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C901 | 0CN2710K51 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C903 | 0CN2710K51 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C902 | 0CN2710K51 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C301 | 0CN3310K51 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C03 | 0CN3910K51 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C02 | 0CN4710K51 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C227 | 0CQ1021N50 | 19.03.1998 | Capacitor,Film,DIP |
| C304 | 0CQ1021N50 | 19.03.1998 | Capacitor,Film,DIP |
| C556 | 0CQ1021N50 | 19.03.1998 | Capacitor,Film,DIP |
| C555 | 0CQ1021N50 | 19.03.1998 | Capacitor,Film,DIP |
| C602 | 0CQ1031N50 | 19.03.1998 | Capacitor,Film,DIP |
| C607 | 0CQ1031N50 | 19.03.1998 | Capacitor,Film,DIP |
| C103 | 0CQ1041N50 | 19.03.1998 | Capacitor,Film,DIP |
| C183 | 0CQ1041N50 | 19.03.1998 | Capacitor,Film,DIP |
| C312 | 0CQ1041N50 | 19.03.1998 | Capacitor,Film,DIP |
| C310 | 0CQ1041N50 | 19.03.1998 | Capacitor,Film,DIP |
| C563 | 0CQ1041N50 | 19.03.1998 | Capacitor,Film,DIP |
| C517 | 0CQ1041N50 | 19.03.1998 | Capacitor,Film,DIP |
| C522 | 0CQ1041N50 | 19.03.1998 | Capacitor,Film,DIP |
| C516 | 0CQ1041N50 | 19.03.1998 | Capacitor,Film,DIP |
| C17 | 0CQ1041N50 | 19.03.1998 | Capacitor,Film,DIP |
| C513 | 0CQ1042K43 | 19.03.1998 | Capacitor,Film,DIP |
| C402 | 0CQ1531N50 | 19.03.1998 | Capacitor,Film,DIP |
| C409 | 0CQ2231N50 | 19.03.1998 | Capacitor,Film,DIP |
| C562 | 0CQ2231N50 | 19.03.1998 | Capacitor,Film,DIP |

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|---|---|---|---|
| C532 | 0CQ2231N50 | 19.03.1998 | Capacitor,Film,DIP |
| C564 | 0CQ2242L43 | 19.03.1998 | Capacitor,Film,DIP |
| C501 | 0CQ2721N40 | 19.03.1998 | Capacitor,Film,DIP |
| C539 | 0CQ3321N50 | 19.03.1998 | Capacitor,Film,DIP |
| C654 | 0CQ3321N50 | 19.03.1998 | Capacitor,Film,DIP |
| C521 | 0CQ4721N50 | 19.03.1998 | Capacitor,Film,DIP |
| C529 | 0CQ4721N50 | 19.03.1998 | Capacitor,Film,DIP |
| C527 | 0CQ4721N50 | 19.03.1998 | Capacitor,Film,DIP |
| C04 | 0CQ4731N50 | 19.03.1998 | Capacitor,Film,DIP |
| C306 | 0CQ6831N50 | 19.03.1998 | Capacitor,Film,DIP |
| C822 | 0CQZVBK002 | 26.03.1998 | Capacitor,Film,Box |
| C828 | 0CQZVBK002 | 26.03.1998 | Capacitor,Film,Box |
| C308 | 0CSZVTA001 | 19.03.1998 | Capacitor,TA,Polymer |
| C502 | 0CX1000K40 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C655 | 0CX2200K40 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C663 | 0CX3300K40 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C09T | 0CX4700K40 | 25.03.1998 | Capacitor,Ceramic,Axial |
| C662 | 0CX4700K40 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C667 | 0CX4700K40 | 19.03.1998 | Capacitor,Ceramic,Axial |
| C665 | 0CX5600K40 | 19.03.1998 | Capacitor,Ceramic,Axial |
| LD01 | 0DD000000B | 19.03.1998 | LED,DIP |
| D406 | 0DD060009A | 19.03.1998 | Diode,Rectifier |
| D410 | 0DD060009A | 19.03.1998 | Diode,Rectifier |
| D413 | 0DD060009A | 19.03.1998 | Diode,Rectifier |
| D812 | 0DD060009A | 19.03.1998 | Diode,Rectifier |
| D811 | 0DD060009A | 19.03.1998 | Diode,Rectifier |
| D805 | 0DD060009A | 19.03.1998 | Diode,Rectifier |
| D809 | 0DD100009A | 19.03.1998 | Diode,Rectifier |
| D810 | 0DD100009A | 19.03.1998 | Diode,Rectifier |
| D411 | 0DD150009C | 19.03.1998 | Diode,Rectifier |
| D801 | 0DD150009C | 19.03.1998 | Diode,Rectifier |
| DB813 | 0DD260000B | 4.03.1999 | Diode,Bridge |
| D930 | 0DD400309A | 19.03.1998 | Diode,Rectifier |
| D301 | 0DD400509A | 19.03.1998 | Diode,Rectifier |
| D01 | 0DD414809E | 19.03.1998 | Diode,Switching |
| D101 | 0DD414809E | 19.03.1998 | Diode,Switching |
| D416 | 0DD414809E | 19.03.1998 | Diode,Switching |
| D502 | 0DD414809E | 25.03.1998 | Diode,Switching |
| D504 | 0DD414809E | 25.03.1998 | Diode,Switching |
| D506 | 0DD414809E | 25.03.1998 | Diode,Switching |
| J104 | 0DD414809E | 1.07.1997 | Diode,Switching |
| D903 | 0DD414809E | 19.03.1998 | Diode,Switching |
| D902 | 0DD414809E | 19.03.1998 | Diode,Switching |
| D901 | 0DD414809E | 19.03.1998 | Diode,Switching |
| D601 | 0DD414809E | 19.03.1998 | Diode,Switching |
| D508 | 0DD414809E | 25.03.1998 | Diode,Switching |
| D507 | 0DD414809E | 25.03.1998 | Diode,Switching |
| D505 | 0DD414809E | 25.03.1998 | Diode,Switching |
| D503 | 0DD414809E | 25.03.1998 | Diode,Switching |
| D501 | 0DD414809E | 19.03.1998 | Diode,Switching |
| D415 | 0DD414809E | 19.03.1998 | Diode,Switching |
| D408 | 0DD414809E | 19.03.1998 | Diode,Switching |
| D401 | 0DD414809E | 19.03.1998 | Diode,Switching |
| D806 | 0DD560009A | 19.03.1998 | Diode,Rectifier |
| ZD404 | 0DZ330009B | 19.03.1998 | Diode,Zener |

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| ZD402 | 0DZ510009AE | 19.03.1998 | Diode,Zener |
| ZD551 | 0DZ510009AE | 19.03.1998 | Diode,Zener |
| ZD01 | 0DZ750009AA | 1.05.1998 | Diode,Zener |
| ZD02 | 0DZ750009AA | 1.05.1998 | Diode,Zener |
| ZD810 | 0DZ750009AA | 19.03.1998 | Diode,Zener |
| ZD03 | 0DZ750009AA | 1.05.1998 | Diode,Zener |
| ZD401 | 0DZ910009BA | 19.03.1998 | Diode,Zener |
| ZD801 | 0DZ910009BA | 19.03.1998 | Diode,Zener |
| IC02 | 0IAL240210A | 10.05.1997 | IC,EEPROM |
| _____ | 0IGS848905A | 24.08.1996 | IC,Unclassified |
| IC01 | 0IGS863420B | 1.10.1997 | IC,Unclassified |
| IC04T | 0IKE780500K | 25.03.1998 | IC,Voltage Regulator |
| IC840 | 0IKE780500K | 19.03.1998 | IC,Voltage Regulator |
| IC430 | 0IKE780800A | 19.03.1998 | IC,Voltage Regulator |
| IC401 | 0IKE781200C | 13.08.1996 | IC,Voltage Regulator |
| IC502 | 0IPH466550A | 11.08.1998 | IC,Baseband Delay Line |
| IC501 | 0IPH836255B | 19.03.1998 | IC,Video Processors |
| IC503 | 0IPH839520A | 28.03.1998 | IC,Video Decode |
| IC201 | 0ISA722200A | 19.03.1998 | IC,Analog Switch |
| IC301 | 0ISA783300A | 15.07.1996 | IC,Video Processors |
| IC601 | 0ISG200600A | 14.08.1996 | IC,Audio Amplifier |
| IC202 | 0ISG511400A | 26.03.1998 | IC,Analog Switch |
| IC802 | 0ISK570700A | 15.07.1996 | IC,Voltage Regulator |
| IC03 | 0ISS754200A | 11.06.1998 | IC,Voltage Detector |
| IC03T | 0ISS754200A | 11.06.1998 | IC,Voltage Detector |
| IC801 | 0ITF435000A | 19.03.1998 | Photo,Coupler |
| IC01T | 0ITI702000A | 25.03.1998 | IC,Unclassified |
| IC02T | 0ITI723060A | 25.03.1998 | IC,Unclassified |
| L103 | 0LA0101K11S | 1.09.1998 | Inductor,Wire Wound,Axial |
| J103 | 0LA0102K11S | 19.03.1998 | Inductor,Wire Wound,Axial |
| J106 | 0LA0102K11S | 19.03.1998 | Inductor,Wire Wound,Axial |
| L02T | 0LA0102K11S | 25.03.1998 | Inductor,Wire Wound,Axial |
| L01T | 0LA0102K11S | 25.03.1998 | Inductor,Wire Wound,Axial |
| L654 | 0LA0122K11S | 19.03.1998 | Inductor,Wire Wound,Axial |
| L652 | 0LA0182K11S | 19.03.1998 | Inductor,Wire Wound,Axial |
| L182 | 0LA0222K11S | 19.03.1998 | Inductor,Wire Wound,Axial |
| L03T | 0LA0331K11S | 25.03.1998 | Inductor,Wire Wound,Axial |
| L181 | 0LA0331K11S | 19.03.1998 | Inductor,Wire Wound,Axial |
| L504 | 0LA0331K11S | 19.03.1998 | Inductor,Wire Wound,Axial |
| L01 | 0LA0392K11S | 19.03.1998 | Inductor,Wire Wound,Axial |
| L653 | 0LA0681K11S | 19.03.1998 | Inductor,Wire Wound,Axial |
| L650 | 0LA0821K11S | 19.03.1998 | Inductor,Wire Wound,Axial |
| L501 | 0LA1000K11S | 19.03.1998 | Inductor,Wire Wound,Axial |
| R806 | 0RD0102F60S | 19.03.1998 | Resistor,Carbon Film |
| R17T | 0RD0221H60S | 25.03.1998 | Resistor,Carbon Film |
| R602 | 0RD0221H60S | 19.03.1998 | Resistor,Carbon Film |
| R311 | 0RD0221H60S | 19.03.1998 | Resistor,Carbon Film |
| R118 | 0RD0392F60S | 25.03.1998 | Resistor,Carbon Film |
| R426 | 0RD0392H60S | 19.03.1998 | Resistor,Carbon Film |
| R317 | 0RD0471H60S | 19.03.1998 | Resistor,Carbon Film |
| R228 | 0RD0562F60S | 19.03.1998 | Resistor,Carbon Film |
| R922 | 0RD0562F60S | 19.03.1998 | Resistor,Carbon Film |
| R923 | 0RD0562F60S | 19.03.1998 | Resistor,Carbon Film |
| R921 | 0RD0562F60S | 19.03.1998 | Resistor,Carbon Film |

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| R12T | 0RD0681F60 | 25.03.1998 | Resistor,Carbon Film |
| R201 | 0RD0752F60 | 19.03.1998 | Resistor,Carbon Film |
| R208 | 0RD0752F60 | 25.03.1998 | Resistor,Carbon Film |
| R222 | 0RD0752F60 | 25.03.1998 | Resistor,Carbon Film |
| R207 | 0RD0752F60 | 25.03.1998 | Resistor,Carbon Film |
| R655 | 0RD0752F60 | 19.03.1998 | Resistor,Carbon Film |
| R206 | 0RD0752F60 | 25.03.1998 | Resistor,Carbon Film |
| R205 | 0RD0822F60 | 19.03.1998 | Resistor,Carbon Film |
| R05 | 0RD0912F60 | 1.05.1998 | Resistor,Carbon Film |
| R01T | 0RD1000F60 | 25.03.1998 | Resistor,Carbon Film |
| R02T | 0RD1000F60 | 25.03.1998 | Resistor,Carbon Film |
| R417 | 0RD1000F60 | 19.03.1998 | Resistor,Carbon Film |
| R22T | 0RD1000F60 | 25.03.1998 | Resistor,Carbon Film |
| R21T | 0RD1000F60 | 25.03.1998 | Resistor,Carbon Film |
| R504 | 0RD1000F60 | 19.03.1998 | Resistor,Carbon Film |
| R547 | 0RD1000F60 | 19.03.1998 | Resistor,Carbon Film |
| R58 | 0RD1000F60 | 19.03.1998 | Resistor,Carbon Film |
| R917 | 0RD1000F60 | 19.03.1998 | Resistor,Carbon Film |
| R903 | 0RD1000F60 | 19.03.1998 | Resistor,Carbon Film |
| R902 | 0RD1000F60 | 19.03.1998 | Resistor,Carbon Film |
| R901 | 0RD1000F60 | 19.03.1998 | Resistor,Carbon Film |
| R80 | 0RD1000F60 | 19.03.1998 | Resistor,Carbon Film |
| R79 | 0RD1000F60 | 19.03.1998 | Resistor,Carbon Film |
| R658 | 0RD1000F60 | 19.03.1998 | Resistor,Carbon Film |
| R64 | 0RD1000F60 | 19.03.1998 | Resistor,Carbon Film |
| R62 | 0RD1000F60 | 19.03.1998 | Resistor,Carbon Film |
| R61 | 0RD1000F60 | 19.03.1998 | Resistor,Carbon Film |
| R56 | 0RD1000F60 | 19.03.1998 | Resistor,Carbon Film |
| R525 | 0RD1000F60 | 19.03.1998 | Resistor,Carbon Film |
| R822 | 0RD1000H60 | 19.03.1998 | Resistor,Carbon Film |
| LD01 | 0RD1001F60 | 1.07.1997 | Resistor,Carbon Film |
| R06 | 0RD1001F60 | 19.03.1998 | Resistor,Carbon Film |
| R06T | 0RD1001F60 | 25.03.1998 | Resistor,Carbon Film |
| R05T | 0RD1001F60 | 25.03.1998 | Resistor,Carbon Film |
| R12 | 0RD1001F60 | 19.03.1998 | Resistor,Carbon Film |
| R117 | 0RD1001F60 | 19.03.1998 | Resistor,Carbon Film |
| R820 | 0RD1001F60 | 19.03.1998 | Resistor,Carbon Film |
| R72 | 0RD1001F60 | 19.03.1998 | Resistor,Carbon Film |
| R651 | 0RD1001F60 | 19.03.1998 | Resistor,Carbon Film |
| R650 | 0RD1001F60 | 19.03.1998 | Resistor,Carbon Film |
| R608 | 0RD1001F60 | 19.03.1998 | Resistor,Carbon Film |
| R514 | 0RD1001F60 | 19.03.1998 | Resistor,Carbon Film |
| R511 | 0RD1001F60 | 19.03.1998 | Resistor,Carbon Film |
| R510 | 0RD1001F60 | 19.03.1998 | Resistor,Carbon Film |
| R509 | 0RD1001F60 | 19.03.1998 | Resistor,Carbon Film |
| R508 | 0RD1001F60 | 19.03.1998 | Resistor,Carbon Film |
| R501 | 0RD1001F60 | 19.03.1998 | Resistor,Carbon Film |
| R30 | 0RD1001F60 | 19.03.1998 | Resistor,Carbon Film |
| R26 | 0RD1001F60 | 19.03.1998 | Resistor,Carbon Film |
| R221 | 0RD1001F60 | 19.03.1998 | Resistor,Carbon Film |
| R220 | 0RD1001F60 | 19.03.1998 | Resistor,Carbon Film |
| R18T | 0RD1001F60 | 25.03.1998 | Resistor,Carbon Film |
| R18 | 0RD1001F60 | 19.03.1998 | Resistor,Carbon Film |
| R03T | 0RD1001F60 | 25.03.1998 | Resistor,Carbon Film |

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| R04T | 0RD1001F60 | 25.03.1998 | Resistor,Carbon Film |
| R15T | 0RD1002F60 | 25.03.1998 | Resistor,Carbon Film |
| R16T | 0RD1002F60 | 25.03.1998 | Resistor,Carbon Film |
| R60 | 0RD1002F60 | 19.03.1998 | Resistor,Carbon Film |
| R59 | 0RD1002F60 | 19.03.1998 | Resistor,Carbon Film |
| R57 | 0RD1002F60 | 19.03.1998 | Resistor,Carbon Film |
| R54 | 0RD1002F60 | 19.03.1998 | Resistor,Carbon Film |
| R528 | 0RD1002F60 | 19.03.1998 | Resistor,Carbon Film |
| R524 | 0RD1002F60 | 19.03.1998 | Resistor,Carbon Film |
| R512 | 0RD1002F60 | 19.03.1998 | Resistor,Carbon Film |
| R502 | 0RD1002F60 | 19.03.1998 | Resistor,Carbon Film |
| R48 | 0RD1002F60 | 1.05.1998 | Resistor,Carbon Film |
| R71 | 0RD1002F60 | 1.05.1998 | Resistor,Carbon Film |
| R63 | 0RD1002F60 | 19.03.1998 | Resistor,Carbon Film |
| R45 | 0RD1002F60 | 25.03.1998 | Resistor,Carbon Film |
| R424 | 0RD1002F60 | 19.03.1998 | Resistor,Carbon Film |
| R40 | 0RD1002F60 | 19.03.1998 | Resistor,Carbon Film |
| R34 | 0RD1002F60 | 19.03.1998 | Resistor,Carbon Film |
| R316 | 0RD1002F60 | 19.03.1998 | Resistor,Carbon Film |
| R186 | 0RD1002F60 | 19.03.1998 | Resistor,Carbon Film |
| R106 | 0RD1003F60 | 19.03.1998 | Resistor,Carbon Film |
| R185 | 0RD1003F60 | 25.03.1998 | Resistor,Carbon Film |
| R657 | 0RD1003F60 | 19.03.1998 | Resistor,Carbon Film |
| R607 | 0RD1003F60 | 19.03.1998 | Resistor,Carbon Film |
| R605 | 0RD1003F60 | 19.03.1998 | Resistor,Carbon Film |
| R604 | 0RD1003F60 | 19.03.1998 | Resistor,Carbon Film |
| R561 | 0RD1003F60 | 19.03.1998 | Resistor,Carbon Film |
| R523 | 0RD1003F60 | 19.03.1998 | Resistor,Carbon Film |
| R50 | 0RD1003F60 | 25.03.1998 | Resistor,Carbon Film |
| R930 | 0RD1004H60 | 19.03.1998 | Resistor,Carbon Film |
| R116 | 0RD1200F60 | 25.03.1998 | Resistor,Carbon Film |
| R551 | 0RD1200F60 | 19.03.1998 | Resistor,Carbon Film |
| R14 | 0RD1201F60 | 19.03.1998 | Resistor,Carbon Film |
| R226 | 0RD1201F60 | 25.03.1998 | Resistor,Carbon Film |
| R31 | 0RD1201F60 | 19.03.1998 | Resistor,Carbon Film |
| R518 | 0RD1201F60 | 19.03.1998 | Resistor,Carbon Film |
| R601 | 0RD1201F60 | 19.03.1998 | Resistor,Carbon Film |
| R188 | 0RD1202F60 | 19.03.1998 | Resistor,Carbon Film |
| R412 | 0RD1202F60 | 19.03.1998 | Resistor,Carbon Film |
| R73 | 0RD1202F60 | 19.03.1998 | Resistor,Carbon Film |
| R75 | 0RD1202F60 | 19.03.1998 | Resistor,Carbon Film |
| R74 | 0RD1202F60 | 19.03.1998 | Resistor,Carbon Film |
| R522 | 0RD1202F60 | 19.03.1998 | Resistor,Carbon Film |
| R519 | 0RD1203F60 | 19.03.1998 | Resistor,Carbon Film |
| R562 | 0RD1203F60 | 19.03.1998 | Resistor,Carbon Film |
| R671 | 0RD1500F60 | 19.03.1998 | Resistor,Carbon Film |
| R675 | 0RD1500F60 | 19.03.1998 | Resistor,Carbon Film |
| R10T | 0RD1501F60 | 25.03.1998 | Resistor,Carbon Film |
| R505 | 0RD1501F60 | 19.03.1998 | Resistor,Carbon Film |
| R665 | 0RD1501F60 | 19.03.1998 | Resistor,Carbon Film |
| R674 | 0RD1501F60 | 19.03.1998 | Resistor,Carbon Film |
| R654 | 0RD1501F60 | 19.03.1998 | Resistor,Carbon Film |
| R526 | 0RD1502F60 | 19.03.1998 | Resistor,Carbon Film |
| J94 | 0RD1503F60 | 19.03.1998 | Resistor,Carbon Film |
| R19T | 0RD1503F60 | 25.03.1998 | Resistor,Carbon Film |

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| R13 | 0RD1601F60 | 19.03.1998 | Resistor,Carbon Film |
| R819 | 0RD1601F60 | 19.03.1998 | Resistor,Carbon Film |
| R916 | 0RD1800F60 | 19.03.1998 | Resistor,Carbon Film |
| R83 | 0RD1801F60 | 19.03.1998 | Resistor,Carbon Film |
| R910 | 0RD1801F60 | 19.03.1998 | Resistor,Carbon Film |
| R911 | 0RD1801F60 | 19.03.1998 | Resistor,Carbon Film |
| R912 | 0RD1801F60 | 19.03.1998 | Resistor,Carbon Film |
| R15 | 0RD2001F60 | 19.03.1998 | Resistor,Carbon Film |
| R227 | 0RD2001F60 | 19.03.1998 | Resistor,Carbon Film |
| R521 | 0RD2001F60 | 19.03.1998 | Resistor,Carbon Film |
| R576 | 0RD2001F60 | 25.03.1998 | Resistor,Carbon Film |
| R578 | 0RD2001F60 | 25.03.1998 | Resistor,Carbon Film |
| R611 | 0RD2001F60 | 19.03.1998 | Resistor,Carbon Film |
| R805 | 0RD2001F60 | 19.03.1998 | Resistor,Carbon Film |
| R609 | 0RD2001F60 | 19.03.1998 | Resistor,Carbon Film |
| R577 | 0RD2001F60 | 25.03.1998 | Resistor,Carbon Film |
| R224 | 0RD2001F60 | 25.03.1998 | Resistor,Carbon Film |
| R314 | 0RD2002F60 | 1.05.1998 | Resistor,Carbon Film |
| R516 | 0RD2002F60 | 19.03.1998 | Resistor,Carbon Film |
| R536 | 0RD2002F60 | 19.03.1998 | Resistor,Carbon Film |
| R04 | 0RD2200F60 | 19.03.1998 | Resistor,Carbon Film |
| R210 | 0RD2200F60 | 25.03.1998 | Resistor,Carbon Film |
| R677 | 0RD2200F60 | 19.03.1998 | Resistor,Carbon Film |
| R67 | 0RD2200F60 | 25.03.1998 | Resistor,Carbon Film |
| R66 | 0RD2200F60 | 25.03.1998 | Resistor,Carbon Film |
| R65 | 0RD2200F60 | 25.03.1998 | Resistor,Carbon Film |
| R35 | 0RD2200F60 | 19.03.1998 | Resistor,Carbon Film |
| R232 | 0RD2200F60 | 19.03.1998 | Resistor,Carbon Film |
| R211 | 0RD2200F60 | 25.03.1998 | Resistor,Carbon Film |
| R209 | 0RD2200F60 | 25.03.1998 | Resistor,Carbon Film |
| R112 | 0RD2200F60 | 19.03.1998 | Resistor,Carbon Film |
| R82 | 0RD2200F60 | 19.03.1998 | Resistor,Carbon Film |
| R77 | 0RD2200F60 | 19.03.1998 | Resistor,Carbon Film |
| R68 | 0RD2200F60 | 25.03.1998 | Resistor,Carbon Film |
| R17 | 0RD2201F60 | 19.03.1998 | Resistor,Carbon Film |
| R212 | 0RD2202F60 | 19.03.1998 | Resistor,Carbon Film |
| R544 | 0RD2401F60 | 19.03.1998 | Resistor,Carbon Film |
| R546 | 0RD2401F60 | 19.03.1998 | Resistor,Carbon Film |
| R549 | 0RD2401F60 | 19.03.1998 | Resistor,Carbon Film |
| R545 | 0RD2401F60 | 19.03.1998 | Resistor,Carbon Film |
| R108 | 0RD2402F60 | 19.03.1998 | Resistor,Carbon Film |
| R187 | 0RD2402F60 | 25.03.1998 | Resistor,Carbon Film |
| R520 | 0RD2403F60 | 19.03.1998 | Resistor,Carbon Film |
| R517 | 0RD2701F60 | 19.03.1998 | Resistor,Carbon Film |
| R414 | 0RD2701H60 | 19.03.1998 | Resistor,Carbon Film |
| R907 | 0RD2701H60 | 19.03.1998 | Resistor,Carbon Film |
| R909 | 0RD2701H60 | 19.03.1998 | Resistor,Carbon Film |
| R908 | 0RD2701H60 | 19.03.1998 | Resistor,Carbon Film |
| R02 | 0RD2702F60 | 19.03.1998 | Resistor,Carbon Film |
| R416 | 0RD2702F60 | 19.03.1998 | Resistor,Carbon Film |
| R21 | 0RD2702F60 | 19.03.1998 | Resistor,Carbon Film |
| R213 | 0RD3000F60 | 25.03.1998 | Resistor,Carbon Film |
| R915 | 0RD3000F60 | 19.03.1998 | Resistor,Carbon Film |
| R913 | 0RD3000F60 | 19.03.1998 | Resistor,Carbon Film |
| R215 | 0RD3000F60 | 25.03.1998 | Resistor,Carbon Film |

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| R214 | 0RD3000F60 | 25.03.1998 | Resistor,Carbon Film |
| R817 | 0RD3001H60 | 19.03.1998 | Resistor,Carbon Film |
| R306 | 0RD3002F60 | 19.03.1998 | Resistor,Carbon Film |
| R32 | 0RD3002F60 | 19.03.1998 | Resistor,Carbon Film |
| R07 | 0RD3300F60 | 19.03.1998 | Resistor,Carbon Film |
| R202 | 0RD3300F60 | 25.03.1998 | Resistor,Carbon Film |
| R11T | 0RD3300F60 | 25.03.1998 | Resistor,Carbon Film |
| R506 | 0RD3300F60 | 19.03.1998 | Resistor,Carbon Film |
| R203 | 0RD3300F60 | 19.03.1998 | Resistor,Carbon Film |
| R230 | 0RD3301F60 | 19.03.1998 | Resistor,Carbon Film |
| R548 | 0RD3301F60 | 19.03.1998 | Resistor,Carbon Film |
| R81 | 0RD3301F60 | 19.03.1998 | Resistor,Carbon Film |
| R670 | 0RD3301F60 | 19.03.1998 | Resistor,Carbon Film |
| R39 | 0RD3301F60 | 19.03.1998 | Resistor,Carbon Film |
| R105 | 0RD3302F60 | 19.03.1998 | Resistor,Carbon Film |
| R183 | 0RD3302F60 | 19.03.1998 | Resistor,Carbon Film |
| R107 | 0RD3302F60 | 19.03.1998 | Resistor,Carbon Film |
| R804 | 0RD3302F60 | 19.03.1998 | Resistor,Carbon Film |
| R803 | 0RD3302F60 | 19.03.1998 | Resistor,Carbon Film |
| R304 | 0RD3600F60 | 19.03.1998 | Resistor,Carbon Film |
| R229 | 0RD3900F60 | 19.03.1998 | Resistor,Carbon Film |
| R914 | 0RD3900F60 | 19.03.1998 | Resistor,Carbon Film |
| R16 | 0RD3901F60 | 19.03.1998 | Resistor,Carbon Film |
| R574 | 0RD3901F60 | 25.03.1998 | Resistor,Carbon Film |
| R575 | 0RD3901F60 | 25.03.1998 | Resistor,Carbon Film |
| R573 | 0RD3901F60 | 25.03.1998 | Resistor,Carbon Film |
| R312 | 0RD3902F60 | 19.03.1998 | Resistor,Carbon Film |
| R818 | 0RD3902H60 | 19.03.1998 | Resistor,Carbon Film |
| R410 | 0RD3903H60 | 19.03.1998 | Resistor,Carbon Film |
| R08 | 0RD4700F60 | 19.03.1998 | Resistor,Carbon Film |
| R673 | 0RD4700F60 | 19.03.1998 | Resistor,Carbon Film |
| R672 | 0RD4700F60 | 19.03.1998 | Resistor,Carbon Film |
| R669 | 0RD4700F60 | 19.03.1998 | Resistor,Carbon Film |
| R305 | 0RD4700F60 | 19.03.1998 | Resistor,Carbon Film |
| R225 | 0RD4700F60 | 19.03.1998 | Resistor,Carbon Film |
| R219 | 0RD4700F60 | 25.03.1998 | Resistor,Carbon Film |
| R218 | 0RD4700F60 | 19.03.1998 | Resistor,Carbon Film |
| R217 | 0RD4700F60 | 19.03.1998 | Resistor,Carbon Film |
| R216 | 0RD4700F60 | 25.03.1998 | Resistor,Carbon Film |
| R27 | 0RD4701F60 | 19.03.1998 | Resistor,Carbon Film |
| R36 | 0RD4701F60 | 19.03.1998 | Resistor,Carbon Film |
| R38 | 0RD4701F60 | 19.03.1998 | Resistor,Carbon Film |
| R85 | 0RD4701F60 | 19.03.1998 | Resistor,Carbon Film |
| R86 | 0RD4701F60 | 19.03.1998 | Resistor,Carbon Film |
| R84 | 0RD4701F60 | 19.03.1998 | Resistor,Carbon Film |
| R49 | 0RD4701F60 | 19.03.1998 | Resistor,Carbon Film |
| R37 | 0RD4701F60 | 19.03.1998 | Resistor,Carbon Film |
| R315 | 0RD4701H60 | 19.03.1998 | Resistor,Carbon Film |
| R180 | 0RD4702F60 | 19.03.1998 | Resistor,Carbon Film |
| R515 | 0RD4702F60 | 19.03.1998 | Resistor,Carbon Film |
| R33 | 0RD4702F60 | 19.03.1998 | Resistor,Carbon Film |
| R313 | 0RD4702F60 | 19.03.1998 | Resistor,Carbon Film |
| R182 | 0RD4702F60 | 19.03.1998 | Resistor,Carbon Film |
| R181 | 0RD4702F60 | 19.03.1998 | Resistor,Carbon Film |
| R113 | 0RD5101F60 | 19.03.1998 | Resistor,Carbon Film |

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| R540 | 0RD5600F60 | 19.03.1998 | Resistor,Carbon Film |
| R542 | 0RD5600F60 | 19.03.1998 | Resistor,Carbon Film |
| R541 | 0RD5600F60 | 19.03.1998 | Resistor,Carbon Film |
| R11 | 0RD5601F60 | 19.03.1998 | Resistor,Carbon Film |
| R823 | 0RD5601H60 | 19.03.1998 | Resistor,Carbon Film |
| R07T | 0RD5602F60 | 25.03.1998 | Resistor,Carbon Film |
| R301 | 0RD6200F60 | 19.03.1998 | Resistor,Carbon Film |
| R606 | 0RD6201F60 | 19.03.1998 | Resistor,Carbon Film |
| R527 | 0RD6203F60 | 19.03.1998 | Resistor,Carbon Film |
| R114 | 0RD6800F60 | 19.03.1998 | Resistor,Carbon Film |
| R13T | 0RD6801F60 | 25.03.1998 | Resistor,Carbon Film |
| R653 | 0RD6801F60 | 19.03.1998 | Resistor,Carbon Film |
| R231 | 0RD6801F60 | 19.03.1998 | Resistor,Carbon Film |
| R19 | 0RD6802F60 | 25.03.1998 | Resistor,Carbon Film |
| R29 | 0RD6802F60 | 19.03.1998 | Resistor,Carbon Film |
| R543 | 0RD6803F60 | 19.03.1998 | Resistor,Carbon Film |
| R538 | 0RD7500F60 | 19.03.1998 | Resistor,Carbon Film |
| R20T | 0RD7501F60 | 25.03.1998 | Resistor,Carbon Film |
| R422 | 0RD7502H60 | 19.03.1998 | Resistor,Carbon Film |
| R308 | 0RD8200F60 | 19.03.1998 | Resistor,Carbon Film |
| R535 | 0RD8200F60 | 19.03.1998 | Resistor,Carbon Film |
| R302 | 0RD8200H60 | 19.03.1998 | Resistor,Carbon Film |
| R20 | 0RD8201F60 | 19.03.1998 | Resistor,Carbon Film |
| R610 | 0RD8201F60 | 19.03.1998 | Resistor,Carbon Film |
| R656 | 0RD8202F60 | 19.03.1998 | Resistor,Carbon Film |
| R423 | 0RD8202H60 | 19.03.1998 | Resistor,Carbon Film |
| R814 | 0RD9100F60 | 19.03.1998 | Resistor,Carbon Film |
| R03 | 0RD9101F60 | 19.03.1998 | Resistor,Carbon Film |
| R676 | 0RD9101F60 | 19.03.1998 | Resistor,Carbon Film |
| R184 | 0RD9102F60 | 25.03.1998 | Resistor,Carbon Film |
| R303 | 0RD9102F60 | 19.03.1998 | Resistor,Carbon Film |
| R603 | 0RD9102F60 | 19.03.1998 | Resistor,Carbon Film |
| FR421 | 0RF0101J607 | 19.03.1998 | Resistor,Fusible |
| FR804 | 0RF0201K607 | 19.03.1998 | Resistor,Fusible |
| FR812 | 0RF0470H60 | 19.03.1998 | Resistor,Fusible |
| FR422 | 0RF0470J607 | 19.03.1998 | Resistor,Fusible |
| R828 | 0RN0680H60 | 19.03.1998 | Resistor,Metal Film |
| R309 | 0RN1202F60 | 19.03.1998 | Resistor,Metal Film |
| R307 | 0RN2402F40 | 19.03.1998 | Resistor,Metal Film |
| R503 | 0RN3903F60 | 19.03.1998 | Resistor,Metal Film |
| R830 | 0RS0152H60 | 19.03.1998 | Resistor,Metal Oxide Film |
| R824 | 0RS0182J607 | 19.03.1998 | Resistor,Metal Oxide Film |
| R430 | 0RS0681K607 | 19.03.1998 | Resistor,Metal Oxide Film |
| R425 | 0RS1002K607 | 19.03.1998 | Resistor,Metal Oxide Film |
| R904 | 0RS1202K607 | 19.03.1998 | Resistor,Metal Oxide Film |
| R906 | 0RS1202K607 | 19.03.1998 | Resistor,Metal Oxide Film |
| R905 | 0RS1202K607 | 19.03.1998 | Resistor,Metal Oxide Film |
| R421 | 0RS1802K607 | 19.03.1998 | Resistor,Metal Oxide Film |
| R827 | 0RS2202K607 | 19.03.1998 | Resistor,Metal Oxide Film |
| R829 | 0RS2202K607 | 19.03.1998 | Resistor,Metal Oxide Film |
| R310 | 0RS3300J607 | 19.03.1998 | Resistor,Metal Oxide Film |
| R413 | 0RS3901J607 | 19.03.1998 | Resistor,Metal Oxide Film |
| Q508 | 0TR102009AE | 19.03.1998 | TR,Bipolar |
| Q601 | 0TR102009AE | 19.03.1998 | TR,Bipolar |
| Q401 | 0TR102609AA | 19.03.1998 | TR,Bipolar |

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|---|---|---|---|---|
| Q810 | | 0TR102609A/ | 19.03.1998 | TR,Bipolar |
| Q01 | | 0TR126609A/ | 19.03.1998 | TR,Bipolar |
| Q180 | | 0TR126609A/ | 19.03.1998 | TR,Bipolar |
| Q182 | | 0TR126609A/ | 19.03.1998 | TR,Bipolar |
| Q201 | | 0TR126609A/ | 19.03.1998 | TR,Bipolar |
| Q517 | | 0TR126609A/ | 19.03.1998 | TR,Bipolar |
| Q514 | | 0TR126609A/ | 19.03.1998 | TR,Bipolar |
| Q513 | | 0TR126609A/ | 19.03.1998 | TR,Bipolar |
| Q512 | | 0TR126609A/ | 19.03.1998 | TR,Bipolar |
| Q503 | | 0TR126609A/ | 19.03.1998 | TR,Bipolar |
| Q181 | | 0TR126609A/ | 19.03.1998 | TR,Bipolar |
| Q03T | | 0TR126609A/ | 25.03.1998 | TR,Bipolar |
| Q102 | | 0TR319709AE | 19.03.1998 | TR,Bipolar |
| Q01T | | 0TR319809A/ | 25.03.1998 | TR,Bipolar |
| Q301 | | 0TR319809A/ | 19.03.1998 | TR,Bipolar |
| Q303 | | 0TR319809A/ | 19.03.1998 | TR,Bipolar |
| Q302 | | 0TR319809A/ | 19.03.1998 | TR,Bipolar |
| Q804 | | 0TR319809A/ | 19.03.1998 | TR,Bipolar |
| Q654 | | 0TR319809A/ | 19.03.1998 | TR,Bipolar |
| Q651 | | 0TR319809A/ | 19.03.1998 | TR,Bipolar |
| Q650 | | 0TR319809A/ | 19.03.1998 | TR,Bipolar |
| Q515 | | 0TR319809A/ | 19.03.1998 | TR,Bipolar |
| Q220 | | 0TR319809A/ | 19.03.1998 | TR,Bipolar |
| Q02 | | 0TR319809A/ | 19.03.1998 | TR,Bipolar |
| Q202 | | 0TR319809A/ | 19.03.1998 | TR,Bipolar |
| Q101 | | 0TR319809AE | 19.03.1998 | TR,Bipolar |
| Q511 | | 0TR319809AE | 25.03.1998 | TR,Bipolar |
| Q509 | | 0TR319809AE | 25.03.1998 | TR,Bipolar |
| Q510 | | 0TR319809AE | 25.03.1998 | TR,Bipolar |
| Q803 | | 0TR319809AE | 19.03.1998 | TR,Bipolar |
| Q802 | | 0TR320209A/ | 19.03.1998 | Transistor Assembly |
| Q901 | | 0TR322900A/ | 19.03.1998 | TR,Bipolar |
| Q902 | | 0TR322900A/ | 19.03.1998 | TR,Bipolar |
| Q903 | | 0TR322900A/ | 19.03.1998 | TR,Bipolar |
| Q402 | | 0TR525000A/ | 1.04.1997 | TR,Bipolar |
| PA01 | | 106-047G | 1.12.1998 | Receiver Module |
| TU181 | | 113-238H | 25.03.1998 | Tuner,Unclassified |
| | 10004 | 120-487A | 14.04.1997 | Speaker,Full Range |
| J130 | | 125-022K | 19.03.1998 | Filter,Bead |
| L403 | | 125-022K | 19.03.1998 | Filter,Bead |
| L803 | | 125-022K | 19.03.1998 | Filter,Bead |
| L805 | | 125-022K | 19.03.1998 | Filter,Bead |
| L804 | | 125-123A | 19.03.1998 | Filter,Bead |
| F801 | | 131-098B | 19.03.1998 | Fuse,Time Delay |
| A3 | | 132-199C | 14.04.1997 | Antenna,Rod |
| SW01 | | 140-315A | 26.03.1998 | Switch,Tact |
| SW03 | | 140-315A | 26.03.1998 | Switch,Tact |
| SW04 | | 140-315A | 26.03.1998 | Switch,Tact |
| SW02 | | 140-315A | 26.03.1998 | Switch,Tact |
| SW05 | | 140-315A | 26.03.1998 | Switch,Tact |
| SW06 | | 140-315A | 26.03.1998 | Switch,Tact |
| SW801 | | 140-343E | 1.11.1998 | Switch,Push Button |
| L901 | | 150-C02A | 19.03.1998 | Coil,Choke |
| L802 | | 150-C02F | 19.03.1998 | Coil,Choke |
| | 20003 | 150-D02N | 14.04.1997 | Coil,Degaussing |

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|---|---|---|---|
| VL501 | 150-E16C | 19.03.1998 | Coil,IFT |
| T801 | 150-F06N | 19.03.1998 | Filter,Line Noise |
| L402 | 150-L02C | 19.03.1998 | Coil,Linearity |
| T802 | 151-B06L | 19.03.1998 | Transformer,Switching |
| T402 | 151-C02H | 19.03.1998 | Transformer,Switching |
| 1.10.501 | 156-A01B | 19.03.1998 | Crystal |
| 1.10.502 | 156-A01H | 19.03.1998 | Crystal |
| 1.10.2001 | 156-A01U | 19.03.1998 | Crystal |
| X01T | 156-A02D | 25.03.1998 | Crystal |
| TH801 | 163-012C | 12.03.1998 | Thermistor,PTC |
| VD801 | 164-003D | 19.03.1998 | Varistor |
| _____ | 164-003D | 1.08.1999 | Varistor |
| VD801 | 164-003K | 1.08.1999 | Varistor |
| Z101 | 166-A01Z | 1.09.1998 | Filter,Saw |
| Z654 | 166-B02C | 19.03.1998 | Filter,Ceramic |
| Z650 | 166-B02D | 19.03.1998 | Filter,Ceramic |
| Z653 | 166-B02D | 19.03.1998 | Filter,Ceramic |
| Z652 | 166-B02E | 19.03.1998 | Filter,Ceramic |
| Z655 | 166-C02C | 19.03.1998 | Filter,Ceramic |
| Z657 | 166-C02D | 19.03.1998 | Filter,Ceramic |
| Z656 | 166-C02E | 19.03.1998 | Filter,Ceramic |
| 1.10.650 | 166-E03A | 19.03.1998 | Crystal |
| 20004 | 170-A01D | 1.04.1999 | Drawing,Assembly |
| 302 | 174-009E | 24.04.1998 | Power Cord Assembly |
| R825 | 180-A01E | 19.03.1998 | Resistor,Wire Wound |
| R821 | 180-A03Q | 12.03.1998 | Resistor,Cement |
| R411 | 180-B01W | 19.03.1998 | Resistors,Unclassified |
| R811 | 180-C02H | 19.03.1998 | Resistor,Carbon Composition |
| FR423 | 180-D02K | 19.03.1998 | Resistors,Unclassified |
| VR301 | 180-F03A | 28.03.1998 | Variable Resistor,Semifixed |
| VR904 | 180-F03C | 28.03.1998 | Variable Resistor,Semifixed |
| VR905 | 180-F03C | 28.03.1998 | Variable Resistor,Semifixed |
| VR501 | 180-F03G | 28.03.1998 | Variable Resistor,Semifixed |
| VR902 | 180-F03G | 28.03.1998 | Variable Resistor,Semifixed |
| VR903 | 180-F03G | 28.03.1998 | Variable Resistor,Semifixed |
| VR901 | 180-F03G | 28.03.1998 | Variable Resistor,Semifixed |
| VR302 | 180-F03H | 28.03.1998 | Variable Resistor,Semifixed |
| VR502 | 180-F03H | 28.03.1998 | Variable Resistor,Semifixed |
| C817 | 181-001V | 12.03.1998 | Capacitor,AL,Radial |
| C422 | 181-009V | 19.03.1998 | Capacitor,Film,DIP |
| C420 | 181-013E | 19.03.1998 | Capacitor,Film,DIP |
| C421 | 181-015J | 19.03.1998 | Capacitor,Film,DIP |
| C905 | 181-033S | 19.03.1998 | Capacitor,Ceramic,Radial |
| C821 | 181-091W | 1.05.1998 | Capacitor,Ceramic,Radial |
| C810 | 181-120K | 26.03.1998 | Capacitor,Ceramic,Radial |
| C826 | 181-120K | 26.03.1998 | Capacitor,Ceramic,Radial |
| C184 | 181-442Z | 19.03.1998 | Capacitor,Film,DIP |
| C530 | 181-442Z | 19.03.1998 | Capacitor,Film,DIP |
| C656 | 181-442Z | 19.03.1998 | Capacitor,Film,DIP |
| C604 | 181-442Z | 19.03.1998 | Capacitor,Film,DIP |
| C554 | 181-442Z | 19.03.1998 | Capacitor,Film,DIP |
| C553 | 181-442Z | 19.03.1998 | Capacitor,Film,DIP |
| C534 | 181-442Z | 19.03.1998 | Capacitor,Film,DIP |
| C515 | 181-442Z | 19.03.1998 | Capacitor,Film,DIP |

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| C510 | 181-442Z | 19.03.1998 | | Capacitor,Film,DIP |
| C511 | 181-442Z | 19.03.1998 | | Capacitor,Film,DIP |
| 40001 | 1PTF040311( | 6.07.1998 | | Screw,Taptite |
| 200 | 2055-00672L | 14.04.1997 | | CPT SET |
| 301 | 303-F62A | 24.04.1998 | | Cover |
| _____ | 303-H73T | 24.08.1996 | | Cover |
| 300 | 3141VMN255 | 1.05.1998 | | CHASSIS ASSY |
| 10002 | 320-062E | 13.12.1996 | | Spring |
| 20002 | 332-057B | 14.04.1997 | | Screw,Customized |
| 10005 | 343-B52A | 14.04.1997 | | Supporter |
| 400 | 3809V00044( | 14.04.1997 | | BACK COVER ASSY |
| PJ201 | 381-091A | 25.03.1998 | | Jack,Scart |
| P901 | 381-226D | 19.03.1998 | | Socket,CRT |
| A1 | 3828VA0162J | 1.09.1998 | | MANUAL,OWNERS |
| _____ | 387-603E | 19.03.1998 | | Harness,Multi |
| 10003 | 5020V00075A | 13.12.1996 | | Button |
| 10001 | 5020V00076A | 13.12.1996 | | Button |
| T401 | 6174Z-8004B | 19.03.1998 | | Transformer,FBT |
| 500 | 6710V00004M | 14.04.1997 | | Remote Controller |